First Nations Water Rights in British Columbia

A Historical Summary of the rights of the Bridge River First Nation

DOC
BC
W324
D:F57B7
1999
c.3

WATER BC our vital resource
Ministry of Environment, Lands and Parks

LEGISLATIVE LIBRARY
VICTORIA, BC V8V 1X4

BRITISH COLUMBIA

LEGISLATIVE LIBRARY OF BRITISH COLUMBIA
3 3298 00228 5220

100-03391/

MINISTRY OF ENVIRONMENT, LANDS and PARKS
WATER MANAGEMENT BRANCH

FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Bridge River First Nation

Research and writing by:	Diana Jolly
Edited by:	JOL Consulting
Review by:	Gary W. Robinson
Prepared for publication:	December, 1999

Canadian Cataloguing in Publication Data
Jolly, Diana.
First Nations water rights in British Columbia. A historical summary of the rights of the Bridge River First Nation

ISBN 0-7726-4060-2

1. Water rights - British Columbia - Bridge River Indian Reserve No. 1. 2. Water rights - British Columbia - Bridge River Indian Reserve No. 2. 3. Lillooet Indians - British Columbia - Government relations. I. JOL Consulting. II. Robinson, Gary W. III. British Columbia. Water Management Branch. IV. Title. V. Title: Historical summary of the rights of the Bridge River First Nation.

KEB529.5.W3J644 1999 346.71104'32 C99-960383-3
KF8210.W38J644 1999

ACKNOWLEDGMENTS

The Ministry of Environment, Lands and Parks wishes to acknowledge three partners whose contributions were invaluable in the completion of the *Aboriginal Water Rights Report Series:*

The Ministry of Aboriginal Affairs, was a critical source of funding, support and direction for this project.

The U-Vic Geography Co-op Program, was instrumental in providing the staffing resources needed to undertake this challenging task. Through the services of June Whitmore and her office, the project benefited from the research, writing, editing and co-ordination of these outstanding students:

Jas Gill
Julie Steinhauer
Kelly Babcock
Daniella Mogus
Miranda Griffith
Christina Rocha
Rachel Abrams
Elizabeth Lee
Sara Cheevers

The services of Clover Point Cartographics Limited of Victoria, was responsible for the preparation of most of the map drawings, which form a valuable part of these documents.

In addition to these three key partners, I must acknowledge the valuable contributions of other Water Management staff, past and present, including Jack Farrell, Jim Mattison, Richard Penner, Diana Jolly, Greg Blaney, Gary Lucas and Kim Johnston.

The sheer numbers of First Nations groups' with histories of water rights made the completion of the Report Series seem, at times, prolonged. The determination, patience and vision of the partners was essential in the completion of the Series and is gratefully acknowledged.

Gary Robinson
Project Manager
Water Management Branch

TABLE OF CONTENTS

LOCATION 1

WATER ALLOCATIONS 2

HISTORY, CURRENT STATUS, AND NOTES 3

BRIDGE RIVER #1 3
Ama Creek 3
History 3
Current Status 4
Notes 4

Antoine Creek 5
History 5
Current Status 7
Notes 7

Applespring & Five Mile Creeks and unnamed springs 8
History 8
Current Status 9
Notes 9

Bridge River 9
History 9
Current Status 10
Notes 10

Camoo Creek 10
History 10
Current Status 12
Notes 12

Moon Creek 12
History 12
Current Status 14
Notes 15

BRIDGE RIVER #2 15
Blackhill (Big) Creek 15
History 15
Current Status 16
Notes 17

OTHER INFORMATION 17
Additional Water Records 17
Alternate Water Sources 18
Groundwater 18
Municipal Water Supply 18

APPENDICES:

TAB NO.

1. TABLE: Summary of Water Rights Records for the Bridge River Band.

2. RECORD OF MINUTE OF DECISION (AGBC #590463).

3. ORDER IN COUNCIL REGARDING THE BRIDGE RIVER BAND.

4. COPIES OF LICENCES AND PLATS (Conditional Water Licences 5391, 7166, 7171 and 13695. Final Water Licences 9875, 10431, 10432 and 12198). COPY OF APPLICATION (Z102692).

5. STREAM REGISTER REPORTS (Ama Creek, Antoine Creek, Applespring Creek, Blackhill Creek, Bridge River, Camoo Creek, Five Mile Creek and Moon Creek).

6. COPIES OF WATER SURVEY OF CANADA RECORDS (Blackhill Creek, Bridge River and Moon Creek).

7. MAP: 1) Bridge River Band Reserves and area.
   i) Bridge River #1
   ii) Bridge River #2

FIRST NATIONS WATER RIGHTS REPORT

BAND: Bridge River

ADDRESS: PO Box 190, Lillooet B.C., V0K 1V0

CHIEF: Saul Terry

PHONE: 256-7423 **FAX:** 256-7999

AFFILIATION: Lillooet Tribal Council

LOCATION:

The Bridge River Band occupies two separate reserves in the Coastal Mountains, north of Lillooet.

The two reserves are:

- ¥ Bridge River 1 - a 3,883.8 hectare reserve located along a portion of the Bridge River valley, north of Lillooet.
- ¥ Bridge River 2 – a 56.7 hectare reserve located east of Bridge River 1, on the right bank of the Fraser River.

These reserves sit at elevations, within the coastal mountains, ranging from 800 feet, near the Fraser River, to 3,700 feet above mean sea level, and experience a climate ranging from an average daily temperature of -5 to -10 degrees centigrade in January to 20 degrees centigrade in July. The average annual rainfall for this area is 30 - 50 centimetres.

The most recent population figures from the Ministry of Finance show Bridge River Band to have a population of 123 persons living on-reserve as registered members. It's total population, including registered and non-registered members living on-reserve, on crown land and off-reserve is 322.

Water courses of significance include:

- ¥ Ama Creek, which flows northeast, through the southeastern section of Bridge River 1, and drains into Bridge River.
- ¥ Antoine Creek, which flows south, through the northwestern section of Bridge River 1, and drains into Bridge River.
- ¥ Applespring Creek, which flows south, through the midsection of Bridge River 1, and drains into Bridge River.

- Blackhill (Big) Creek, which is located north of Bridge River 2, flows east and drains into the Fraser River.

- Bridge River, which intersects Bridge River 1, flows east and drains into the Fraser River.

- Canon Creek, which flows north, through the western section of Bridge River 1, and drains into Bridge River.

- Five Mile Creek, which flows south, through the midsection of Bridge River 1, and drains into Bridge River.

- Moon Creek which flows northeast, through the eastern portion of Bridge River 1, and drains into Bridge River.

WATER ALLOCATIONS:

Water Rights of the Bridge River Band have been recorded or affected by five actions of government over the years:

1) Allotments by the Indian Reserve Commissioners.

   Following confederation, the Province and the Dominion established an Indian Reserve Commission to reserve lands for the Indians and for transfer of those lands to the Dominion. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water with lands. It is understood that this practice was unique among Indian Reserves in Canada and the authority of the Commissioners to allot water rights has always been disputed by the Province.

   An allocation granting fishing rights to the Bridge River Band was also made by the Indian Reserve Commission. This portion of the Minutes of Decision is outlined under the "Other Information" section of this report.

2) Lieutenant Governor in Council approval by Order in Council of the granting of water rights.

   One of the allocations granted by the Order in Council is vague in regards to the water source and particular reserve the water was to be used. This portion of the Order in Council is outlined under the "Other Information" section of this report.

3) Determinations of the Board of Investigation under the *Water Act, 1914* of claims of the Department of Indian Affairs, and subsequent issue of water licences.

4) Granting of water licences from Federal Government applications for licences for the use

of water on reserve.

5) Actions to amend rights under licences pursuant to provisions in the *Water Act.*

HISTORY, CURRENT STATUS, AND NOTES:

The history of water rights, the current status of rights and notes for the Bridge River Band with respect to the water sources on Bridge River 1 and Bridge River 2 are as follows:

BRIDGE RIVER #1

Ama Creek

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 1 Reserve:

> *"The water of the various tributary streams flowing through this reserve*..."*

*Note: Ama Creek flows through the reserve.

Jan 9, 1891 By Order, the Lieutenant Governor-in-Council authorized that a grant of water rights be made in favour of the Bridge River Band, with respect to Bridge River 1.

> *"Fifty inches of water from a creek upon the Reserve, and about three miles from the mouth of Bridge River, on the south bank."*

*Note: This unnamed creek may be Ama Creek. Ama Creek matches the description of where the unnamed creek is located.

June 11, 1920 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Antoine, Seven Mile, Five Mile, Camoo and Moon Creeks and an unnamed creek and various springs was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2754, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Antoine (13 Mile)

Creek, Seven Mile Creek, Five Mile Creek, Moon Creek, Camoo Creek and an unnamed creek* and various springs,

(ii) take precedence from the 23rd day of February, 1891,

(iii) authorize the diversion of a maximum of 3,867 acre feet of water a year for the irrigation of 1289 acres of Bridge River Indian Reserve No. 1, provided that of this quantity 7,000 gallons of water a day may be used throughout the year for domestic purpose.

*Note: The unnamed creek appears to be Ama Creek.

Oct 22, 1923 The Comptroller of Water Rights issued Conditional Water Licence 7166, which embodied the terms and conditions set out in Board Order 2754.

Dec 14, 1938 The Comptroller of Water Rights issued Final Water Licence 10432 to the Director of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 7166, in part, was given a date of precedence of February 23, 1891, and authorized the diversion of 133.2 acre feet of water a year from Ama Creek for the irrigation of 44.4 acres of the south portion of Indian Reserve No. 1, Bridge River, provided that of this quantity 2,000 gallons of water a day may be used throughout the year for domestic purpose.

Current Status:

Final Water Licence 10432, in the name of the Bridge River Band, is the only active licence on Ama Creek. There is nothing on file with respect to the current exercise of rights under this licence.

Notes:

1. The allocation made by the Indian Reserve Commission could apply to Ama Creek.

2. The water rights granted under Final Water Licence 10432, to the Bridge River Band, appear to be consistent with the decision of the Indian Reserve Commission.

3. Final Water Licence 10432 is comparable with the Order in Council in priority. However, the Order in Council allocates a greater amount of water than what was granted in Final Water Licence 10432.

Antoine Creek

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 1 Reserve:

> *"The water of the various tributary streams flowing through this reserve*..."*

*Note: Antoine Creek flows through the reserve.

June 11, 1920 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Antoine, Seven Mile, Five Mile, Camoo and Moon Creeks and an unnamed creek and various springs was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2754, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Antoine (13 Mile) Creek, Seven Mile Creek, Five Mile Creek, Moon Creek, Camoo Creek and an unnamed creek and various springs,
(ii) take precedence from the 23rd day of February, 1891,
(iii) authorize the diversion of a maximum of 3,867 acre feet of water a year for the irrigation of 1289 acres of Bridge River Indian Reserve No. 1, provided that 7,000 gallons of water a day throughout the year could also be used for domestic purpose.

Oct 22, 1923 The Comptroller of Water Rights issued Conditional Water Licence 7166, which embodied the terms and conditions set out in Board Order 2754.

Feb 14, 1921 The Comptroller of Water Rights issued Conditional Water Licence 5391 to H. Graham, Indian Agent in accordance with his application. This licence was given a date of precedence of June 25, 1920, and authorized the diversion of 18 acre feet of water a year from Antoine Creek for the irrigation of 6 acres of Bridge River Indian Reserve No. 1, provided that of this quantity 500 gallons a day may be used throughout the year for domestic purpose.

A letter from the Indian Agent, dated July 19, 1920, indicated that the application for water from Antoine Creek was in accordance with a previous allocation by the Indian Reserve Commission. The Indian Agent stated that,

> *"...in regard to my various applications on behalf of the Indians for water licences, it was understood when I was instructed at the sitting of the board of investigation on June 9th, that as these are practically all old Indian Reserve Commissioners Records that I am applying for owing to the boards ruling that the Commissioners had not the power to grant water licences..."*

Feb 20, 1937 The Comptroller of Water Rights issued Final Water Licence 9875 to the Superintendent-General of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 5391, was given a date of precedence of June 25, 1920, and authorized the diversion of 9.65 acre feet of water a year from Antoine Creek for the irrigation of 3 acres of the northerly portion of Bridge River Indian Reserve No. 1, provided that of this quantity 500 gallons of water a day may be used throughout the year for domestic purpose.

A lesser quantity of water was authorized with the issue of Final Water Licence 9875 as being sufficient for the area to be irrigated.

July 20, 1938 The Comptroller of Water Rights issued Conditional Water Licence 13695 to the Director of Indian Affairs in accordance with the department's application. This licence was given a date of precedence of July 20, 1938, and authorized the diversion of 27 acre feet of water a year from Antoine Creek for the irrigation of 9 acres of the north-easterly portion of Bridge River Indian Reserve No. 1 east of Bridge River.

Dec 15, 1938 The Comptroller of Water Rights issued Final Water Licences 10431 and 10432 to the Director of Indian Affairs, in substitution of Conditional Water Licence 7166. These licences authorized the diversion of water from Moon and Ama Creeks only.

A letter on file, dated November 15, 1938, to the Chief Engineer from the Comptroller of Water Rights, stated that,

> *"Conditional Water Licence 7166 remains on my registers for the other sources of supply mentioned therein pending the usual Final Licence surveys."*

Dec 15, 1944 The Comptroller of Water Rights issued Final Water Licence 12198 to the Director of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 13695, was given a date of precedence of May 10, 1938, and authorized the diversion of 8 acre feet of water a year from Antoine Creek for the irrigation of 2.6 acres of the northeast portion of Indian Reserve No. 1, Bridge River, east of Bridge River.

A lesser quantity of water was authorized with the issue of Final Water Licence 12198 as being sufficient for the area to be irrigated.

Current Status:

There are a total of eight licences reported on Antoine Creek. Of these licences:

- ¥ Five authorize the diversion of water for irrigation purpose, for a total quantity authorized of 130.15 acre feet per annum.
- ¥ Four authorize the diversion of water for domestic purpose, for a total quantity authorized of 2,500 gallons a day.
- ¥ One authorizes the diversion of 1.7 cubic feet of water per second for residential power purpose.
- ¥ One authorizes the diversion of 500 gallons of water a day for incidental domestic purpose.

Note: Some licences authorize more than one purpose.

Final Water Licence 9875 (first in priority) and Final Water Licence 12198 (third in priority) are the only two licences on Antoine Creek for the benefit of the Bridge River Band. There is no information on file with respect to the current exercise of rights under these licences.

Water Survey of Canada has no streamflow records for Antoine Creek.

Notes:

1. The allocation made by the Indian Reserve Commission could apply to Antoine Creek.
2. The water rights granted under Final Water Licence 9875, which is first in priority, appear to be consistent with the decision of the Indian Reserve Commission.
3. A Final Water Licence has not been issued in substitution of Conditional Water Licence 7166, with respect to Antoine Creek.
4. The issue of Final Water Licence 9875, in substitution of Conditional Water Licence 5391, and the issue of Final Water Licence 12198, in substitution of Conditional Water Licence 13694, resulted in a reduction of the volume of water authorized for irrigation from Antoine Creek.

Applespring & Five Mile Creeks and unnamed springs

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 1 Reserve:

> *"The water of the various tributary streams* flowing through this reserve..."*

*Note: Applespring Creek and Five Mile Creek flow through the reserve.

Jan 9, 1891 By Order, the Lieutenant Governor-in-Council authorized that a grant of water rights be made in favour of the Bridge River Band, with respect to Bridge River 1.

> *"No. 6 - Ten inches of water from a spring* upon the Reserve, about four miles from the mouth of Bridge River, and upon the north bank."*

*Note: The identity of this spring is unknown.

> *"No. 7 - Fifty inches of water from a creek* upon the Reserve, three miles from [allocation] No. 6, up Bridge River, and on the north bank."*

*Note: Applespring Creek and Five Mile Creek are both on the north bank of Bridge River. Thus, the unnamed creek may be Applespring Creek or Five Mile Creek.

June 11, 1920 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Antoine, Seven Mile, Five Mile, Camoo and Moon Creeks and an unnamed creek and various springs was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2754, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Antoine (13 Mile) Creek, Seven Mile Creek*, Five Mile Creek, Moon Creek, Camoo Creek and an unnamed creek and various springs,

(ii) take precedence from the 23rd day of February, 1891,

(iii) authorize the diversion of a maximum of 3,867 acre feet of water a year for the irrigation of 1289 acres of Bridge River Indian Reserve No. 1, provided that 7,000 gallons of water a day throughout the year could also be used for domestic

purpose.

*Note: Seven Mile Creek has been renamed Applespring Creek.

Oct 22, 1923 The Comptroller of Water Rights issued Conditional Water Licence 7166, which embodied the terms and conditions set out in Board Order 2754.

Dec 15, 1938 The Comptroller of Water Rights issued Final Water Licences 10431 and 10432 to the Director of Indian Affairs, in substitution of Conditional Water Licence 7166. These licences authorized the diversion of water from Moon and Ama Creeks only.

A letter on file, dated November 15, 1938, to the Chief Engineer from the Comptroller of Water Rights, stated that,

> *"Conditional Water Licence 7166 remains on my registers for the other sources of supply mentioned therein pending the usual Final Licence surveys."*

Current Status:

There are no active licences reported on Applespring Creek or Five Mile Creek. Also there are no active licences for any unnamed spring on Bridge River 1 Reserve.

Water Survey of Canada has no streamflow records on Applespring or Five Mile Creeks.

Notes:

1. The allocation made by the Indian Reserve Commission could apply to Applespring and Five Mile Creeks.

2. The water rights granted under Conditional Water Licence 7166 appeared to be consistent with the decision of the Indian Reserve Commission and the Order in Council allocations. However, a Final Water Licence has not been issued in substitution of Conditional Water Licence 7166, with respect to Applespring or Five Mile Creeks or for any unnamed springs on the Reserve.

Bridge River

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 1 Reserve:

"The water of the various tributary streams flowing though this reserve, as also 300 inches of water from Bridge river, are assigned to the use of the Indians."

Current Status:

There are a total of five licences reported on Bridge River, below Carpenter Lake. Of these licences:

- ¥ Two authorize the storage of water for power purposes, for a total quantity stored of 752,000 acre feet per annum.
- ¥ One authorizes the diversion of 3,000 cubic feet of water per second for power purpose.
- ¥ One authorizes the diversion of 6 acre feet of water per annum for irrigation purpose.
- ¥ One authorizes the diversion of 40,000 acre feet of water per annum for conservation purpose.

There are no licences on Bridge River for the benefit of the Bridge River Band.

Water Survey of Canada has reported streamflow records from four different gauging stations on Bridge River. These stations are Bridge River at Lajoie Falls (Station No. 08ME004), Bridge River below Tyaughton Creek (Station No. 08ME014), Bridge River near Gold Bridge (Station No. 08ME005) and Bridge River near Shalalth (Station No. 08ME001). Station 08ME001, Bridge River near Shalalth is the nearest gauging station to Bridge River #1. This station has streamflow records on Bridge River from 1913 to 1948. These streamflow records reported a low mean monthly flow of 15.1 cubic metres per second in February, increasing to a high in July of 284 cubic metres per second.

Notes:

1. The allocation of water made by the Indian Reserve Commission, as it refers to Bridge River, has not been formally recognized by the Province.

Camoo Creek

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 1 Reserve:

"The water of the various tributary streams flowing though this reserve..."*

*Note: Camoo Creek (named Canon Creek on the topographical maps) flows through the reserve.

Jan 9, 1891 By Order, the Lieutenant Governor-in-Council authorized that a grant of water rights be made in favour of the Bridge River Band, with respect to Bridge River 1.

> *"Fifty inches of water from Camoo's Creek, upon the Reserve, about six miles up the river from [allocation] No. 4 and upon the south bank."*

*Note: Camoo's Creek is shown as being named Canon Creek on topographical maps.

June 11, 1920 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Antoine, Seven Mile, Five Mile, Camoo and Moon Creeks and an unnamed creek and various springs was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2754, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Antoine (13 Mile) Creek, Seven Mile Creek, Five Mile Creek, Moon Creek, Camoo Creek and an unnamed creek and various springs,
(ii) take precedence from the 23rd day of February, 1891,
(iii) authorize the diversion of a maximum of 3,867 acre feet of water a year for the irrigation of 1289 acres of Bridge River Indian Reserve No. 1, provided that 7,000 gallons of water a day throughout the year could also be used for domestic purpose.

Oct 22, 1923 The Comptroller of Water Rights issued Conditional Water Licence 7166, which embodied the terms and conditions set out in Board Order 2754.

Dec 15, 1938 The Comptroller of Water Rights issued Final Water Licences 10431 and 10432 to the Director of Indian Affairs, in substitution of Conditional Water Licence 7166. These licences authorized the diversion of water from Moon and Ama Creeks only.

A letter on file, dated November 15, 1938, to the Chief Engineer from the Comptroller of Water Rights, stated that,

> *"Conditional Water Licence 7166 remains on my registers for the other sources of supply mentioned therein pending the usual Final Licence surveys."*

Current Status:

There are no active licences on Camoo Creek.

Water Survey of Canada has no streamflow records on Camoo (now named Canon) Creek.

Notes:

1. The allocation made by the Indian Reserve Commission could apply to Camoo (now named Canon) Creek.

2. The water rights granted under Conditional Water Licence 7166 appeared to be consistent with the decision of the Indian Reserve Commission and the Order in Council. However, a Final Water Licence has not been issued in substitution of Conditional Water Licence 7166, with respect to Camoo Creek.

Moon Creek

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 1 Reserve:

> *"The water of the various tributary streams flowing though this reserve*..."*

*Note: Moon Creek flows through the reserve.

Jan 9, 1891 By Order, the Lieutenant Governor-in-Council authorized that a grant of water rights be made in favour of the Bridge River Band, with respect to Bridge River 1.

> *"Fifty inches of water from a creek upon the Reserve, on the south bank of Bridge River and about 2 & 1/2 miles up the river from [allocation] No. 3."*

*Note: Moon Creek may be this unnamed creek. Moon Creek matches the description of the location of this unnamed creek.

June 11, 1920 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act 1914*, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Antoine, Seven Mile, Five Mile, Camoo and Moon Creeks and an unnamed creek and various springs was made under the authority of an

Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2754, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Antoine (13 Mile) Creek, Seven Mile Creek, Five Mile Creek, Moon Creek, Camoo Creek and an unnamed creek and various springs,
(ii) take precedence from the 23rd day of February, 1891,
(iii) authorize the diversion of a maximum of 3,867 acre feet of water a year for the irrigation of 1289 acres of Bridge River Indian Reserve No. 1, provided that 7,000 gallons of water a day throughout the year could also be used for domestic purpose.

Oct 22, 1923 The Comptroller of Water Rights issued Conditional Water Licence 7166, which embodied the terms and conditions set out in Board Order 2754.

Dec 15, 1938 The Comptroller of Water Rights issued Final Water Licence 10431 to the Director of Indian Affairs. This licence, issued in substitution of Conditional Water Licence 7166 (in part), was given a date of precedence of February 23, 1891, and authorized the diversion of 334.1 acre feet of water a year from Moon Creek for the irrigation of 114.7 acres of the south portion of Indian Reserve No. 1, Bridge River, provided that of this quantity 2,000 gallons a day may be used throughout the year for domestic purpose.

Jan 13, 1988 The Bridge River Band applied by letter to the Comptroller of Water Rights for all water from Moon Creek to be reserved for use of the Band.

Apr 29, 1988 The Bridge River Band applied for the right to divert 1,200 acre feet of water a year from Moon Creek for irrigation purposes on Bridge River Reserve 1.

July 20, 1990 In accordance with an application for a change of works the Regional Water Manager issued Conditional Water Licence 67248 in substitution of Final Water Licence 10431. This licence was given a date of precedence of February 23, 1891, and authorized the diversion of 334.1 acre feet of water a year from Moon Creek for the irrigation of 114.7 acres of the south portion of Indian Reserve No. 1, Bridge River lying on the right banks of Moon Creek, Bridge and Fraser Rivers, provided that of this quantity 2,000 gallons a day may be used throughout the year for domestic purpose.

Current Status:

Conditional Water Licence 67248, in the name of the Bridge River Band, is the only active licence on Moon Creek.

The Bridge River Band also has an outstanding application on Moon Creek. There is no recent information on file with respect to the status of the application.

An Engineer's report, dated April 22, 1991, for an application on Moon Creek recommended that Moon Creek be noted in water licensing records as fully recorded for all purposes without full backup storage.

On October 13, 1977 by Order, the Lieutenant Governor in Council reserved the unrecorded waters of Moon Creek and its tributaries so that the water may be acquired for waterworks purpose by a Municipality. The Municipality near Moon Creek is the Village of Lillooet. In a letter dated January 4, 1988, the Village of Lillooet indicated that,

> *"they had no objection to the present Order in Council establishing a reserve for municipal purposes being removed from the Moon Creek watershed area."*

This Order in Council Reserve has not been lifted and is shown on water licensing records as a current reserve.

A reserve of the waters of Moon Creek for the Bridge River Band has not been formed.

Water Survey of Canada reported streamflow records on Station 08ME024, Moon Creek above diversions, from 1981 to 1987, from April to October. These streamflow records reported a low mean monthly flow of 0.048 cubic metres per second in April, increasing to a high in June of 0.231 cubic metres per second.

Notes:

1. The allocation made by the Indian Reserve Commission could apply to Moon Creek.
2. The water rights granted under Conditional Water Licence 67248 appear to be consistent with the decision of the Indian Reserve Commission and the Order in Council.
3. The application filed on April 29, 1988, by the Bridge River Band for the right to divert water from Moon Creek is still outstanding.
4. The Order in Council, which reserves all unallocated waters on Moon Creek for municipal use, is still in existence.
5. The water reserve on Moon Creek for the Bridge River Band has not been formed.
6. As Moon Creek is noted as fully recorded for all purposes unless storage is provided, it may be difficult to obtain licensed rights on Moon Creek in the future.

BRIDGE RIVER #2

Blackhill (Big) Creek

History:

Sept 1, 1881 Minute of Decision of the Indian Reserve Commission, constituting Bridge River 2 Reserve:

> *"The water of a creek*, situated 1/2 mile above this land is reserved for the use of the Indians."*

*Note: This unnamed creek may be Blackhill Creek. Blackhill Creek is approximately 3/4 of a mile north of Bridge River 2.

Jan 9, 1891 By Order, the Lieutenant Governor-in-Council authorized that a grant of water rights be made in favour of the Bridge River Band for Bridge River 2.

> *"Fifty inches of water from Big Creek*, adjoining a Reserve on Fraser River about eight miles north of No. 1, to be connected by a ditch under construction."*

*Note: Big Creek has been renamed Blackhill Creek.

June 11, 1920 At a final hearing before the Board of Investigation, acting pursuant to the

Water Act 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of the waters of Big Creek was made under the authority of an Act Passed prior to the 12th day of March, 1909. The Order of the Board, numbered 2752, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Big Creek,
(ii) take precedence from the 23rd day of February, 1891,
(iii) authorize the diversion of a maximum of 139.5 acre feet of water a year for the irrigation of 46.5 acres of Bridge River Indian Reserve No. 2, provided that 1,000 gallons of water a day throughout the year could also be used for domestic purpose.

Oct 22, 1923 The Comptroller of Water Rights issued Conditional Water Licence 7171, which embodied the terms and conditions set out in Board Order 2752.

July 3, 1984 The Deputy Comptroller of Water Rights notified the Department of Indian and Northern Affairs that Conditional Water Licence 7171 had become subject to cancellation for failure by the licensee for three successive years to make beneficial use of the water for the purpose and in the manner authorized under the licence.

The Bridge River Band objected to the proposed cancellation of Conditional Water Licence 7171 stating that,

> *"The Bridge River Indian Band would like to ... go on record as not agreeing to have any of our water taken from our present and future use."*

However, Water Management Technicians and representatives from Indian and Northern Affairs inspected Blackhill Creek and Bridge Creek 2 and determined that there was no evidence of any irrigation on the Reserve for many years and the works associated with Conditional Water Licence 7171 were not repairable.

May 28, 1985 In accordance with the notice of proposed cancellation the Deputy Comptroller of Water Rights cancelled Conditional Water Licence 7171.

No reaction to the cancellation was received from the Bridge River Band.

Current Status:

There are no active water licences on Blackhill Creek for the benefit of the Bridge River Band.

There is one third party licence on Blackhill Creek, which authorizes the diversion of 30 acre

feet of water per annum for irrigation purpose.

Blackhill Creek is noted on Water Licensing records as fully recorded unless storage is provided.

Water Survey of Canada reported streamflow records on Station 08MD029, Blackhill Creek near Pavilion, from 1981 to 1985, from April to July. These streamflow records reported a low mean monthly flow of 0.001 cubic metres per second in April and July, increasing to a high in May of 0.025 cubic metres per second.

Notes:

1. The allocation made by the Indian Reserve Commission could apply to Blackhill (Big) Creek.
2. The water rights granted under Conditional Water Licence 7171 appeared to be consistent with the decision of the Indian Reserve Commission.
3. Conditional Water Licence 7171 was comparable with the Order in Council in priority; however, the Order in Council allocated a greater quantity of water than the amount granted under the licence.
4. Conditional Water Licence 7171 was cancelled in 1985 despite objections by the Bridge River Band. The Band did not appeal the cancellation.

OTHER INFORMATION:

Additional Water Records:

An additional fishing right was allocated in the Minute of Decision of the Indian Reserve Commission, dated September 1, 1881, with respect to the Bridge River Band.

> *"The exclusive right of salmon fishing on both sides of the Fraser River from 1/2 mile south of Bridge River upstream to the Fountain Indian fishery."*

An Order in Council approved by the Lieutenant Governor on January 9, 1891, with respect to the Bridge River Band granted,

> *"Twenty-five inches of water from a small creek running through the Reserve*, one mile north of the village on Fraser River."*

*Note: The identity of the creek and reserve is unknown.

Alternate Water Sources:

Groundwater:

The Groundwater Section records show no evidence of wells on Bridge River 1 or Bridge River 2. However, provision of groundwater information is voluntary. Thus, there may be unrecorded groundwater sources on the reserves.

Municipal Water Supply:

The proximity of Bridge River #1 and Bridge River #2 to Lillooet, south of the reserves, presents the potential for water supply to the reserves via a municipal water system.

The Village of Lillooet has licences to obtain water from Dickey Creek, Seton River, Town Creek and Tyee Jimmie Creek for waterworks purposes, with a total amount authorized of 966,009,000 gallons of water a year. In 1993 the Village of Lillooet experienced a peak daily demand of 102,000,000 gallons of water, well over their authorized maximum daily allowance under their licences; however, their annual demand is well within licensed rights.

Summary of Water Rights Record								
Bridge River First Nation								
Water Source	**Priority Date**	**Reserve Name**	**File no.**	**Document Type**	**Status**	**Superceded By**	**Licence PUC/MOD & OIC Allotments**	**Comments**
Unnamed Creek (may be Ama Creek)	1891/01/09	Bridge River #1	AGBC 562	OIC			*"50 inches of water" (*converted equivalent=333.2AF*)*	
Ama Creek, Antoine Creek, Applespring Creek, Canon Creek, Five Mile Creek, Moon Creek, various unnamed springs	1920/06/11	Bridge River #1	0241103	C 7166	Superceded	F 10431 F 10432	3,867.00 AF/Irrigation 7,000 GD/Incidental Domestic	A Final Water Licence has not been issued in substitution of CL7166, with respect to Antoine Creek.
Ama Creek	1891/02/23	Bridge River #1	0370344	F 10432	Current		2,000 GD/Incidental Domestic 133.20 AF/Irrigation	The rights granted under FL10432, appear to be consistent with the decision of the Indian Reserve Commission.
Antoine Creek	1938/05/10	Bridge River #1	0130868	C 13695	Superceded	F 12198	27 AF/Irrigation	

Water Source	Priority Date	Reserve Name	File no.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Antoine Creek	1938/05/10	Bridge River #1	0130868	F 12198	Current		8 AF/Irrigation	FL12198 in substitution of CL13694, resulted in a reduction of the volume of water authorized for irrigation from Antoine Creek.
Antoine Creek	1920/06/25	Bridge River #1	0022714	F 9875	Current		500 GD/Incidental Domestic 9.65 AF/Irrigation	The water rights granted under FL9875 appear to be consistent with the decision of the IRC. FL9875 in substitution of CL5391 resulted in a reduction of volume of water authorized for irrigation from Antoine Creek.
Antoine Creek	1920/06/25	Bridge River #1	0022714	C 5391	Superceded	F 9875	500 GD/Incidental Domestic 18 AF/ Irrigation	
Unnamed Creek (May be Applespring or Five Mile Creek)	1891/01/09	Bridge River #1	AGBC 562	OIC			*"50 inches of water"* (converted equivalent=333.2AF)	
Bridge River various tributaries & unnamed streams	1881/09/01	Bridge River #1	AGBC 590463	MOD			*"The water of the various tributary streams flowing through this reserve, as also 300 inches of water from Bridge river."* (converted equivalent=1999.2AF)	IRC Allocations: Not formally recognized by the Province.

Water Source	Priority Date	Reserve Name	File no.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Camoos Creek (now name Canon Creek)	1891/01/09	Bridge River #1	AGBC 562	OIC			*"50 inches of water"* (converted equivalent=333.2AF)	
Unnamed Creek (may be Moon Creek)	1891/01/09	Bridge River #1	AGBC 562	OIC			*"50 inches of water"* (converted equivalent=333.2AF)	
Moon Creek	1988/04/29	Bridge River #1	3001259	Z102692	Current		1,200 AF/Irrigation	
Moon Creek	1891/02/23	Bridge River #1	0241103	F 10431	Superceded	C 67248	2,000 GD/Incidental Domestic 334.1 AF/Irrigation	
Moon Creek	1891/02/23	Bridge River #1	0241103	C 67248	Current		2,000 GD/Incidental Domestic 334.1 AF/Irrigation	The water rights granted under CL67248 appear to be consistent with the decision of the IRC and the OIC.
Unnamed creek	1891/01/09	Bridge River #1	AGBC 562	OIC			*"25 inches of water"* (converted equivalent=166.6AF)	
Unnamed spring	1891/01/09	Bridge River #1	AGBC 562	OIC			*"10 inches of water"*(converted equivalent=66.64AF)	
Unnamed Creek (may be Blackhill Creek)	1881/09/01	Bridge River #2	AGBC 590403	MOD			water from unnamed creek is reserved for the use of the Indians	IRC Allocations: Not formally recognized by the Province.

Water Source	Priority Date	Reserve Name	File no.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Big Creek(renamed Blackhill Creek)	1981/01/09	Bridge River #2	AGBC 562	OIC			"50 inches of water" (converted equivalent=333.2AF)	
Blackhill (Big) Creek	1891/02/23	Bridge River #2	0241102	C 7171	Cancelled		1,000 GD/Incidental Domestic 139.50 AF/Irrigation	The rights granted under CL7171, appear to be consistent with the decision of the Indian Reserve Commission. CL7171 was comparable with the OIC in priority; however, the OIC allocated a greater quantity of water than the amount granted under the licence.

Geo. A. Walkem

Minutes of Decision

Bridge river Indians.

No. 1.

A Reserve of 6500 acres approximately, situated on both banks of Bridge river from its mouth up stream for 13½ miles, extending in width from base to base of the mountains, an average distance of ¾ mile, including the cultivated land on the right bank of the Fraser river from a fir tree marked Indian Reserve, about 2 miles North of Bridge River to another fir tree about one mile South of that river.

Water.

~~The Water of the various tributary streams flowing through this reserve, as also 300 inches of water from Bridge river are assigned to the use of the Indians.~~

No. 2.

Lillooet Bridge river Indians.

No. 2.

A Reserve of 90 acres approximately, situated on the right bank of Fraser river, about 15 miles above Lillooet and nearly opposite to the "Pinkey Farm".

Commencing on the right bank of the Fraser river, at the Southern end of the flat, at the foot of a rocky bluff, and running West 30 chains; thence North 20 chains; thence West 10 chains; thence North 20 chains; thence East to the Fraser river; and thence down the right bank of the said river to the place of commencement.

Water.

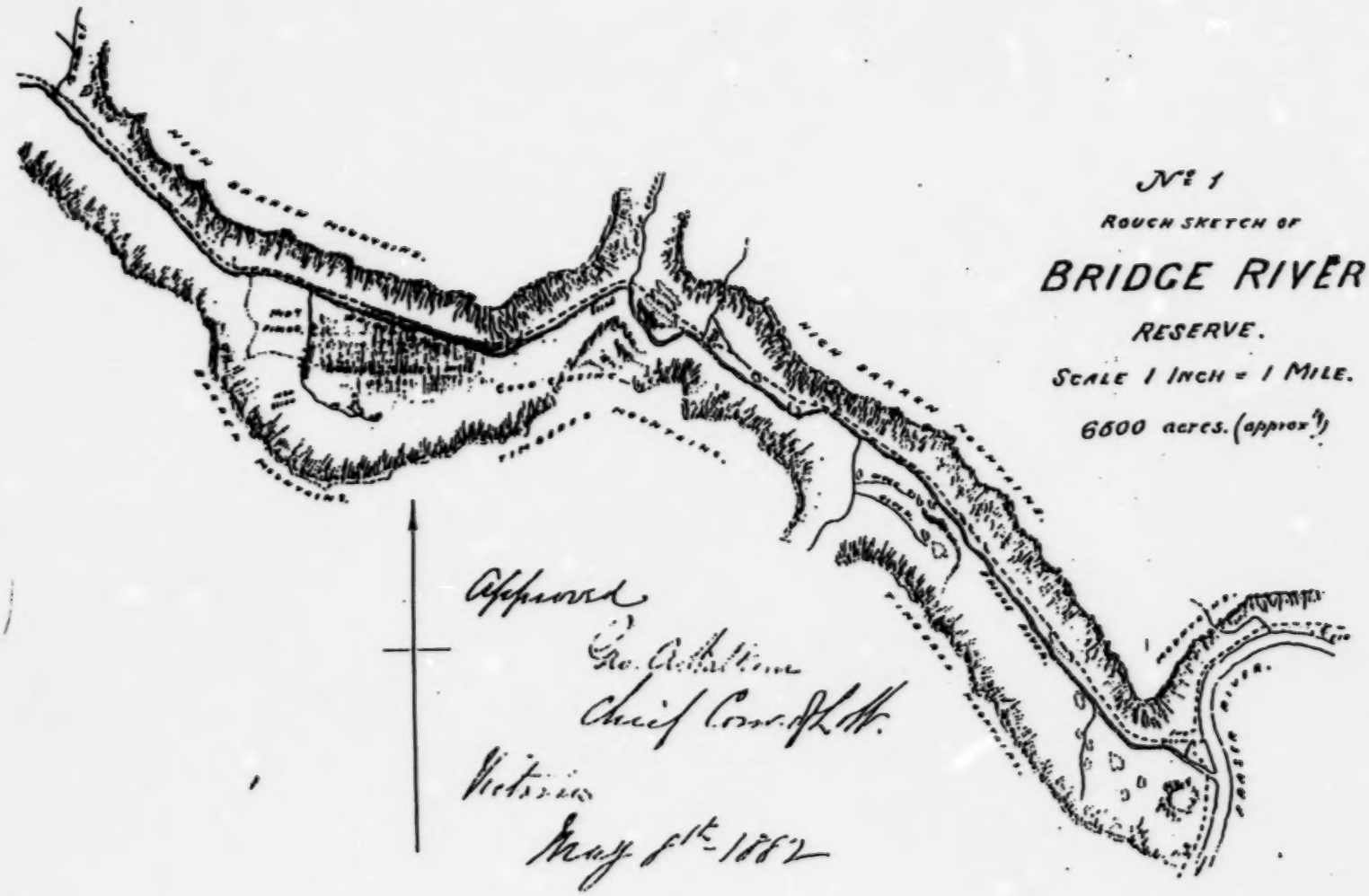
The Water of a creek, situated ~~from~~ to the above this land to reserved for the use of the Indians.

Fishery.

The exclusive right of salmon ficking on both sides of the Fraser river from ½ mile South of Bridge river up stream to the Fountain Indian fishery.

J. D. Pelly
I.R.C.

Bridge river B.C.
September 1st 1881.


No 1
ROUGH SKETCH OF
BRIDGE RIVER
RESERVE.
SCALE 1 INCH = 1 MILE.
6600 acres. (approx.)
HIGH BARREN MOUNTAINS.
HIGH BARREN MOUNTAINS.
MOUNTAINS.
MOUNTAINS.
Approved
Geo. Robertson
Chief Comr. of L. & W.
Victoria
May 6th 1882

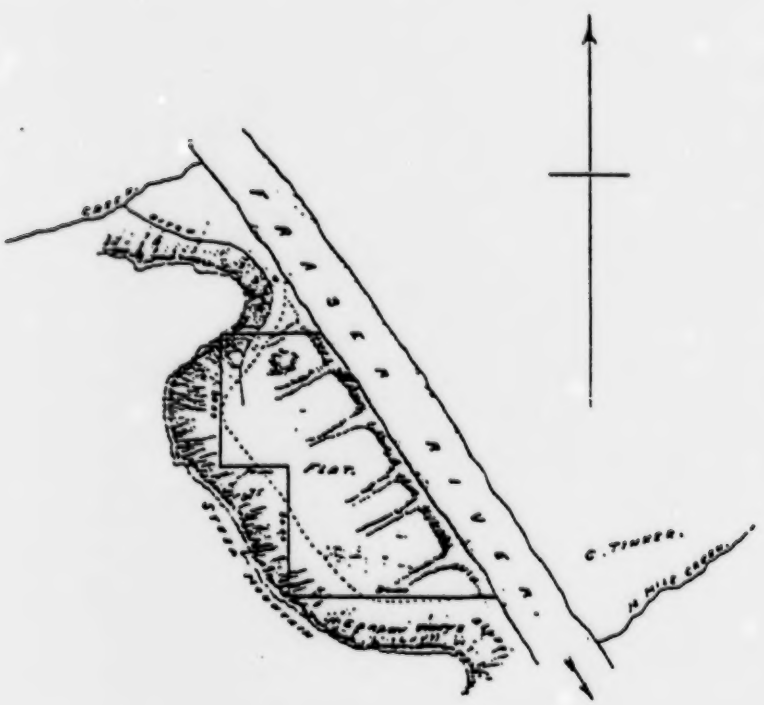
No 2

SKETCH OF RESERVE FOR

BRIDGE RIVER INDIANS.

SCALE 1 INCH = 20 CHAINS.

90 ACRES.



Approved

Chief Comr. of Lands & Works.

Victoria.

May 8th 1882

S

Hugh A Nelson

Government House, Victoria,

9th January 1891.

On the recommendation of the Honourable the

Acting Chief Commissioner, of Lands and Works,

His Honour the Lieutenant-Governor, by and with the advice of the Executive Council, has been pleased to order, and it is hereby ordered, that the Assistant Commissioner of Lands and works for Lillooet District, be, and is hereby, authorized to grant the application of Mr William Laing Meason Indian Agent, for Water Records for the use of the Indian of the Williams Lake Indian Agency,

provided there be no adverse reasons against the issue of said Records.

Jno. Robson

Clerk, Executive Council.

Report not to I.T.K. returned to I.T. dept. 10/4/91

On a Memorandum from the Honourable the Acting Chief Commissioner of Lands & Works, dated 31st December 1890, enclosing a report from the Assistant Commissioner for Kilcoot District upon the application of Mr Meason, Indian Agent, for various Water Records for the use of the Indians under his supervision.

And recommending that the Commissioner be authorized to grant the application for Water Records in those instances where no objection exists.

The Committee Advise approval

Chas. A. Pooley

President of Executive Council

Approved 9th January 1891

H. Langevin

Lieutenant Governor

LANDS & WORKS DEPARTMENT
DEC 27 1890
VICTORIA, B.C.

GOVERNMENT OFFICE
DEC 19 1890
CLINTON, B.C.

June 31 90

Sir

I have honour to report that Mr. H. Lemon Indian Agent, for this District, gave notice, in the Gov't Gazette of March 20th 1890. and also in the Kamloops 'Sentinel' of similar date, of his intention to apply to you for permission to divert and use for the purposes of irrigation on Indian Reserves in this District, certain waters as set out in his Notice of Application.

Mr Lemon now applies for a Record to be made of the various described applications.

The amount of water applied for, in each case, as a rule is very small and with few exceptions are not already claimed by white settlers.

For your reference I have annexed the original Copies of Notices of intention, and my remarks on each application, and enclose same herewith, awaiting your instructions with regard Record.

I have the honour to be
Sir
Your obedt Servant
[illegible]
Asst Comr & Agt

The Hon'ble Peter Lyall
Chief Commissioner of Lds & Works
Victoria B.C.

2

"Lillooet District"

No objections to this record

This water already recorded by white settlers

This water already recorded by white settlers

No Objection to this record

Fifty inches is sufficient.

Subject to existing records

Subject to existing rights and records

Subject to existing records.

No objection to this record.

No objection to this record.

Subject to existing records

Subject to existing records

Cariboo District.

Alexandria Reserve:

No. 1.—One hundred inches of water from a small creek crossing Waggon road at the head of Rich Bar Reserve, to be conveyed on to said Reserve.

Alexandria Reserve:

No. 1.—One hundred inches of water from the 4-Mile Creek, to be diverted on the top of the mountain, and conveyed on to the Reserve by a proposed ditch.

No. 2.—Twelve inches of water from a spring upon the Reserve, on the right bank of the Fraser River, and one mile west of the Hudson Bay's old Fort.

Deep Creek Reserve:

No. 1.—One hundred inches of water from Little Bear Creek, to be diverted on the present ditch-head, above the Mud Lake Road, and conveyed by the present ditch on to the Reserve.

No. 2.—Twelve inches of water from a spring upon the Reserve eight miles south of Soda Creek, on left bank of Fraser, to be used on said Reserve.

No. 3.—One hundred inches of water from the creek which crosses the waggon road at or near the 17th Mile post, to be diverted at a point above the road, and conveyed by a proposed ditch, about two miles easterly to the Deep Creek Reserve.

Tommy Reserve, Chilcotin:

No. 1.—One hundred inches of water from Blake Creek, to be diverted at a point at or near the west boundary of the Reserve.

No. 2.—Two hundred inches of water from Mackin Creek, to be diverted at a point near the head-waters of said Creek, about 18 miles from the Tommy Reserve, to be conveyed by a ditch and dry water courses into Blake Creek, and diverted again at same point as No. 1.

Jimmy Reserve, Chilcotin:

One hundred inches of water from the creek which bounds the Reserve on the west, to be diverted at the present ditch head.

Alexis Reserve, Chilcotin:

No. 1.—Two hundred inches of water from Big Flat Creek, which flows through the Reserve.

No. 2.—One hundred inches of water from a creek which flows through the Reserve at the eastern end, about one mile from No. 1.

Lillooet District.

Lytton Lake Reserve:

One hundred inches of water from a creek on the mountain bounding the Reserve on the north, to be diverted at the head of the present ditch.

Alkali Lake Reserve:

No. 1.—One hundred inches of water from Alkali Lake Creek, to be diverted at the present ditch head.

No. 2.—Fifty inches of water from a small creek running through the Reserve known as Joe Rosette's Creek, to be diverted at the head of the ditch which now conveys said water on to the Reserve.

No. 3.—The right to construct a dam at the outlet of Harper's Lake, on Dog Creek Mountain, and the right to the water retained by said dam, to be conveyed by means of a ditch, already surveyed, to the Reserve known as Wycott Flat.

Dog Creek Reserve:

One hundred inches of water from Dog Creek, to be diverted at the heads of the two ditches now used.

Canoe Creek Reserve No. 2:

One hundred inches of water from a creek about five miles east of the Reserve, to be diverted at the head of the ditch now used.

Canoe Creek Reserve No. 1:

No. 1.—Two hundred inches of water from a stream formed by the overflow in Spring of Lakes, in the vicinity of E. Valenzuela's meadows, and about 15 miles south-east from the Reserve, with the right to store said water in a chain of lakes, situate four miles west of Rocky Spring, and to tap said lakes in order to convey said 200 inches of water by a dry water course into Canoe Creek at the upper crossing, and to take the same quantity of water east of Canoe Creek by means of the present ditch on the Reserve.

No. 2.—Twenty inches of water from a small stream running through the Reserve at the village.

Hihm Bar Reserve:

Twenty-five inches of water from a small stream flowing through the Reserve, to be conveyed by the present ditch.

Clinton Reserve:

No. 1.—Twenty-five inches of water from a small stream which runs through the Reserve at the 9-mile post, to be conveyed by the present ditch.

No. 2.—One hundred inches of water from Kelly Creek, to be diverted at a point 400 yards above the crossing of the Dog Creek and the Clinton waggon roads, and to be conveyed by a proposed ditch on to the 9-Mile Dog Reserve.

Pavilion Reserve:

No. 1.—One hundred inches of water from Pavilion Creek, to be diverted at the head of the present ditch, and conveyed by the same on to the Reserve.

No objection to the record

No objection to the record

The waters of this creek are all recorded -

No objection to this right.

No objection to this record

No objection to this record

No objection to this record.

The application should on no account be allowed. Dickey Creek is all recorded. Hoey's Creek is recorded three times over, and besides it is the only supply for the town of Lillooet.

No objection to this record.

No objection to this record.

No objection to this record.

No objection to this record.

No objection to this record.

Not in Lillooet District

No objection to this record.

No objection to this record.

No objection to this record.

No objection to this record.

No objections to any of the records on the Schbes. Necait Nequatqua and Bridge River Reserves

J. Lowe
A.C. of Lds
Lillooet District

4108/90

Fountain Reserve:

No. 1.—One hundred inches of water from Fountain Creek, to be diverted at the present ditch head.

No. 2.—The right to build a dam at the outlet of a lake, situate at the head of Fountain Creek, and at the north side of said creek, and to store the water of the creek in said lake in the spring and fall, when it is not used and runs to waste; the water thus stored to be conveyed by the creek to the present ditch head, and thence conveyed by said ditch on to the Reserve.

McCauley's Flat Reserve:

Twenty-five inches of water from a spring situate one-half mile east of the Reserve, at the foot of the mountain, to be conveyed, as at present, by a ditch and flume on to the Reserve.

Lillooet Reserve:

No. 1.—Twenty-five inches of water from a small stream running through that part of the Reserve situate near Cayoosh Creek.

No. 2.—Twelve inches of water from a spring upon the flat at the village.

No. 3.—Fifty inches of water from Dickey Creek, to be diverted on the top of the mountains, and conveyed thence into Hoey Creek, and taken out again by the present ditch. The water to be conveyed in such manner that the water of Hoey Creek shall not be made muddy.

Cayoose Reserve:

No. 1.—One hundred inches of water from Cayoose Creek, to be conveyed by the present ditch on to the Reserve.

No. 2.—Twelve inches of water from a spring upon the upper flat of the Reserve.

Pashilqua Reserve:

Twenty-five inches of water from a spring running through the Reserve.

Gardiner Flat Reserve:

Fifty inches of water from a creek running through the Reserve, to be conveyed by the present ditch.

Cuyack Reserve:

Fifty inches of water from the creek running through the Reserve, to be conveyed by the two present ditches.

Chehalis Reserve:

No. 1.—One hundred inches of water from Hardy Creek, to be diverted at a point below the road, and conveyed by the present ditch on to the Reserve.

No. 2.—Fifty inches of water from a creek upon that part of the Reserve situate on the east bank of Fraser River, to be conveyed by the present ditch on to the Reserve.

Seton Lake Mission Reserve:

No. 1.—Twenty inches of water from a creek running through the Iguaz Reserve.

No. 2.—Twelve inches of water from a spring on the small reserve on the south side of lake, nearly opposite No. 1.

No. 3.—Fifty inches of water from a creek on the Reserve, one mile west of Mission Village.

No. 4.—Twelve inches of water from a spring on south side of lake, on a small Reserve nearly opposite the Mission.

Schlows Reserve:

No. 1.—Twenty inches of water from a creek running through the Reserve, near the old village.

No. 2.—Twenty inches of water from a creek upon a high bench of the Reserve, and two miles east from No. 1.

No. 3.—One hundred inches of water from Portage River, which flows through the Reserve.

Necait Reserve:

Fifty inches of water from a creek running through the Reserve.

Nequatqua Reserve:

No. 1.—One hundred inches of water from Anderson River, which flows through the Reserve.

No. 2.—Twenty-five inches of water from a small creek running through a Reserve on the Portage Road, about three miles from head of Anderson Lake.

Bridge River Reserve:

No. 1.—Twenty-five inches of water from a small creek running through the Reserve, one mile north of the village on Fraser River.

No. 2.—Fifty inches of water from Big Creek, adjoining a Reserve on Fraser River about eight miles north of No. 1, to be conducted by a ditch under construction.

No. 3. Fifty inches of water from a creek upon the Reserve, and about three miles from the mouth of Bridge River, on the south bank.

No. 4.—Fifty inches of water from a creek upon the Reserve, on the south bank of Bridge River and about 2½ miles up the river from No. 3.

No. 5.—Fifty inches of water from Canoe's Creek, upon the Reserve, about six miles up the river from No. 4, and upon the south bank.

No. 6.—Ten inches of water from a spring upon the reserve, about four miles from the mouth of Bridge River, and upon the north bank.

No. 7.—Fifty inches of water from a creek upon the Reserve, three miles from No. 6, up Bridge River, north bank.

[illegible] except No. 2, are all utilized by means of ditches for irrigating the various portions of the reserves which are under cultivation.

W. LAING MEREDITH.

Fifty inches of water from the creek running through the Reserve, to be conveyed by the two present ditches.

COLCHOPA RESERVE:

No. 1.—One hundred inches of water from Hardy Creek, to be diverted at a point below the road, and conveyed by the present ditch on to the Reserve.

No. 2.—Fifty inches of water from a creek upon that part of the Reserve situate on the east bank of Fraser River, to be conveyed by the present ditch on to the Reserve.

SETON LAKE MISSION RESERVE:

No. 1.—Twenty inches of water from a creek running through the Ignace Reserve.

No. 2.—Twelve inches of water from a spring on the small reserve on the south side of lake, nearly opposite No. 1.

No. 3.—Fifty inches of water from a creek on the Reserve, one mile west of Mission Village.

No. 4.—Twelve inches of water from a spring on south side of lake, on a small Reserve nearly opposite the Mission.

SCHLOSS RESERVE:

No. 1.—Twenty inches of water from a creek running through the Reserve, near the old village.

No. 2.—Twenty inches of water from a creek upon a high bench of the Reserve, and two miles east from No. 1.

No. 3.—One hundred inches of water from Portage River, which flows through the Reserve.

NEKAIT RESERVE:

Fifty inches of water from a creek running through the Reserve.

NEQUATQUA RESERVE:

No. 1.—One hundred inches of water from Anderson River, which flows through the Reserve.

No. 2.—Twenty-five inches of water from a small creek running through a Reserve on the Portage Road, about three miles from head of Anderson Lake.

BRIDGE RIVER RESERVE:

No. 1.—Twenty-five inches of water from a small creek running through the Reserve, one mile north of the village on Fraser River.

No. 2.—Fifty inches of water from Big Creek, adjoining a Reserve on Fraser River about eight miles north of No. 1, to be conducted by a ditch under construction.

No. 3. Fifty inches of water from a creek upon the Reserve, and about three miles from the mouth of Bridge River, on the south bank.

No. 4.—Fifty inches of water from a creek upon the Reserve, on the south bank of Bridge River and about 2½ miles up the river from No. 3.

No. 5.—Fifty inches of water from Camoo's Creek, on the Reserve, about six miles up the river from No. 4, and upon the south bank.

No. 6.—Ten inches of water from a spring upon the Reserve, about four miles from the mouth of Bridge River and upon the north bank.

No. 7.—Fifty inches of water from a creek upon the Reserve, three miles from No. 6, up Bridge River, on the north bank.

[illegible] No. 2, are all utilized by means [illegible] irrigating the various portions of the [illegible] cultivation.

[illegible] BAND RESERVE:

No objection to this rec

Not in Lillooet.

No objection to this rec

No objection to this rec

No objection to this rec

No objection to this rec

No objections recorded on the Nequatqua. and Reserves

St. James
A.C. of E.
Lillooet

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE
(IRRIGATION)

Appurtenant to 6 acres of Bridge River Indian Reserve No. 1.

WHEREAS H. Graham, Indian Agent, whose post-office address is Lytton, B. C.

as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

(1.) Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee thereunder the right to take and use water under the following terms and conditions:—

(a.) The source of the water-supply is Antoine Creek a tributary of Bridge Creek ?

(b.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria.

(c.) The date from which this licence shall take precedence is 25th June, 1920.

(d.) The purpose for which the water is to be used is irrigation. Superseded by 9875 Final Licence

(e.) The maximum quantity of water which may be used at the place of use when all the lands mentioned in item (g) hereof are under irrigation is, until lawfully altered, 18 acre-feet per annum; and the maximum quantity which may be used per acre at the said place of use in any year is 3 acre-feet: Provided that if any records have been issued, or if any other licences have been or may hereafter be issued, for the use of water upon the said lands, the maximum quantity allowed under this licence shall be reduced by such quantities as may from time to time be used upon the said lands under such other records or licences, including the records or licences at present outstanding, namely, Licence No. ..... from ..... (Stream.)

and Licence No. ..... from ..... (Stream.)

And provided further that in such cases the Comptroller may, after the requisite hydrographic data have been accumulated for determining the particular quantity of water which may be used under this licence, require the surrender thereof for the purpose of readjustment, and may amend the same by stating therein such particular quantity so determined. The maximum quantity which may be diverted from the stream per annum is 3 acre-feet per acre of land irrigated and an additional amount for reasonable seepage and evaporation.

And provided further that there may be used in addition 500 gallons of water per day throughout the whole year for domestic purpose as being incidental to the irrigation purpose.

Licence Number 5391

Form 1001, W.R.B. (Conditional Licence—Irrigation).—1,000-8-20.

5391

ORIGINAL

(*f.*) The period of the year during which the water may be used is 1st April to 30th September.

(*g.*) The area and description of the irrigable lands to which this right may extend on completion of works and beneficial use of the water in the irrigation of the said lands are six acres, comprising part of Bridge River Indian Reserve No. 1.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

(*h.*) The other terms and conditions respecting the right are:—

(1.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached and hereby made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(2.) The said construction shall be commenced on or before the first day of May, 1921.

(3.) The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller, and shall be completed on or before the thirtieth day of November, 1930.

(4.) The lands described in clause (*g*) hereof shall have been properly prepared for irrigation and shall have been irrigated beneficially from the said works on or before the thirtieth day of November, 1930.

(5.)

(*i.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(*j.*)

(2.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

Issued this fourteenth day of February, 1921.
File No. 022714.

E. C. Leonard
Comptroller of Water Rights.

Licence Number 5391

ORIGINAL

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 124272 C.

as altered, amended, or limited by supplemental plans and specifications numbered Plan 1900 - 56

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Diversion dam and ditch.

File No. 022714.

Map No. 4507

By RMW

E. A. Cleveland

Comptroller of Water Rights.

5391

Form 1003, W.R.B. (Approval of Plans)—3,000-1-30—(Forming part of Conditional Water Licence No.).

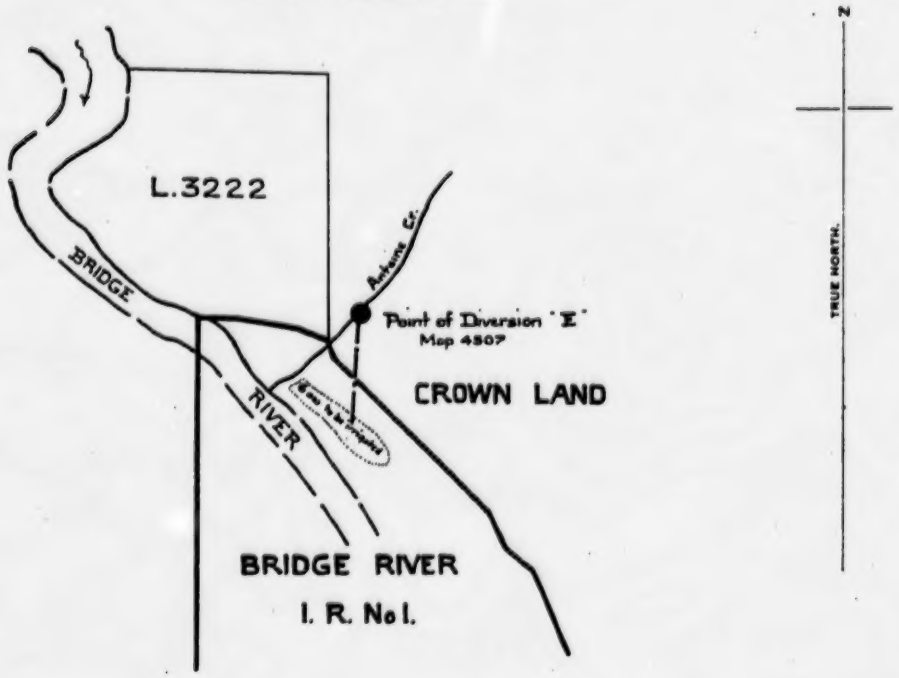
ORIG

British Columbia.

To accompany Conditional Licence No 5331 Precinct

LILLOOET WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LILLOOET LAND DISTRICT.

The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature E. A. Cleveland —

Date 18 Feb. 1921

EXHIBIT "A"

C.L. 5331
File 022714

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For a n **Irrigation** Purpose.)

WHEREAS the Board of Investigation, constitnted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. **2754**, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a **conditional** licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursnance of the said order and in conformity with the "Water Act, 1914," issue this **conditional** licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to **Bridge River Indian Reserve No.1**

Superseded by 10431 – 2 (in part)
final licence

Made and entered this 2nd day of October, 192 3

F. A. Cleveland
Comptroller of Water Rights.

No. 7166

Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-1-23—504.

Copy to Dist. Engineer

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Antoine, Seven Mile, Five Mile, Camoo and Moon Creeks and an unnamed creek and various springs

in the neighbourhood of Bridge River, in the

Lillooet Water District.

NOW, on the 11th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File Nos. 2-16-1, 3-16-1, 4-16-1, 5-16-1, 6-16-1, 7-16-1) that valid water records affecting the said claims were made under authority of an Act passed prior to the 12th day of March, 1909, and that under the said water records the Bridge River tribe or band of Indians was granted a right to take and use water from Antoine (13-Mile) Creek, Seven Mile Creek, Five Mile Creek, Camoo Creek, Moon Creek and an unnamed creek, tributaries of Bridge River, and from various springs on or near the Reserve for irrigation and domestic purposes on the Bridge River Indian Reserve, being Reserve No.1 of the said tribe or band.

Copy for Claim Holder

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a*.) The sources of the water supply are Antoine (13-Mile) Creek, Seven Mile Creek, Five Mile Creek, Moon Creek, Camoo Creek and an unnamed creek, tributaries of Bridge River, and various springs on or near the Bridge River Indian Reserve No.1.

(*b*.) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c*.) The date ~~for~~ from which the said licence shall take precedence is 23rd February, 1891.

(*d*.) The purpose for which the water is to be used is irrigation.

(*e*.) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 3,867 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is three (3) acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f*.) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g*.) The water may be used on the Bridge River Indian Reserve No.1 of which 1289 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h*.) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i*.) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j*.) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k*.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Board Order No.2754.

Copy for Comptroller.

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 7,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*s*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 22nd day of October, 1923

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", Member.

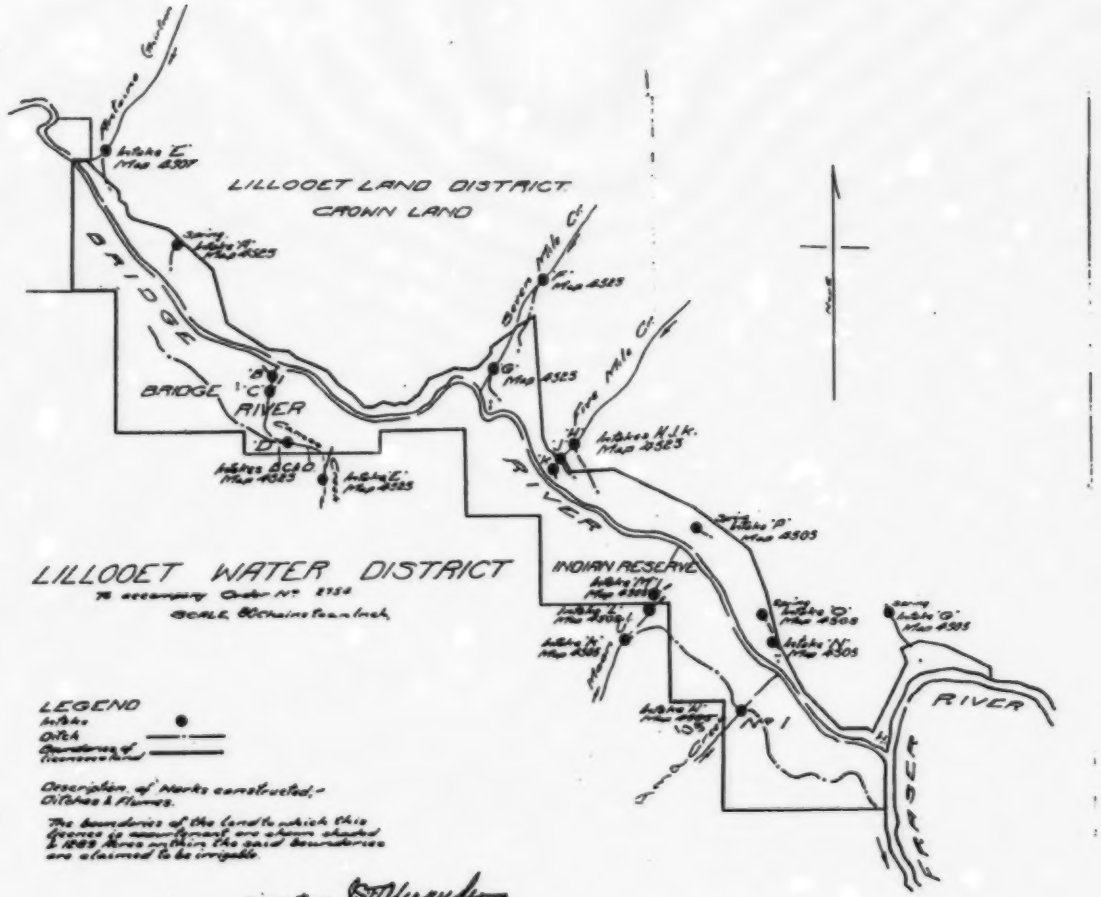
and "J.E.Lane", *Member.*

Rights 24B (915) + 4505 4507

Form 387. W.H.B.—2,000-12-20.

Order No. 2754.

Copy for Case Book


LILLOOET LAND DISTRICT
CANOE LAND
BRIDGE RIVER
LILLOOET WATER DISTRICT
To accompany Order No 2754
SCALE 80 chains to an inch
INDIAN RESERVE
No 1
FRASER RIVER
LEGEND
Intake
Ditch
Boundary of Reservation
Description of Works constructed:-
Ditches & Flumes.
The boundaries of the lands which this Licence is appurtenant are shown shaded & 1869 Acres within the said boundaries are claimed to be irrigable.
Signature.
22 Oct 1919
O.C. 1488 & O. 2754
Fil. 2.181
EXHIBIT 'A'

WATER ACT

Section 20

ORDER OF CANCELLATION

File No. 0241102

In accordance with the Notice of Proposed Cancellation, dated the 3rd day of July, 1984, Conditional Water Licence No. 7171, Blackhill (Big) Creek, is hereby cancelled.

Dated at Victoria, B. C., this 28th day of May, 1985.

K. E. Farrell,
Deputy Comptroller of Water Rights.

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 2752, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Bridge River Indian Reserve No.2.

Made and entered this 22nd day of October, 192-3

E. A. Cleveland
Comptroller of Water Rights.

No. 7171

Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-12-21—5307.

CANCELLED

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Big Creek

in the neighbourhood of Bridge River, in the

Lillooet Water District.

NOW, on the 11th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 1-16-1) that a valid water record affecting the said claim was made under authority of an Act passed prior to the 12th day of March, 1909, and that under the said water record the Bridge River tribe or band of Indians was granted a right to take and use water from Big Creek, a tributary of the Fraser River, for irrigation and domestic purposes on the Bridge River Indian Reserve, being Reserve No.2 of the said tribe or band.

CANCELLED

Form 386. W.R.B.—2,000-12-20. Order No. 2752.

Copy for Compliance

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply is Big Creek, a tributary of Fraser River.

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date from which the said licence shall take precedence is 23rd February, 1891.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 139.5 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is three (3) acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Bridge River Indian Reserve No.2 of which 46.5 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

CANCELLED

Board Order No. 2752.

Copy for Comptroller

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 1,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding [redacted] acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of [redacted] and it may be stored (accumulated) in a reservoir at [redacted] between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 22nd day of October, 1923.

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", Chairman.

and "J.E.Lane", *Member.*

4650

Form 587, W.R.B.—2,000-12-26. Order No. 2752.

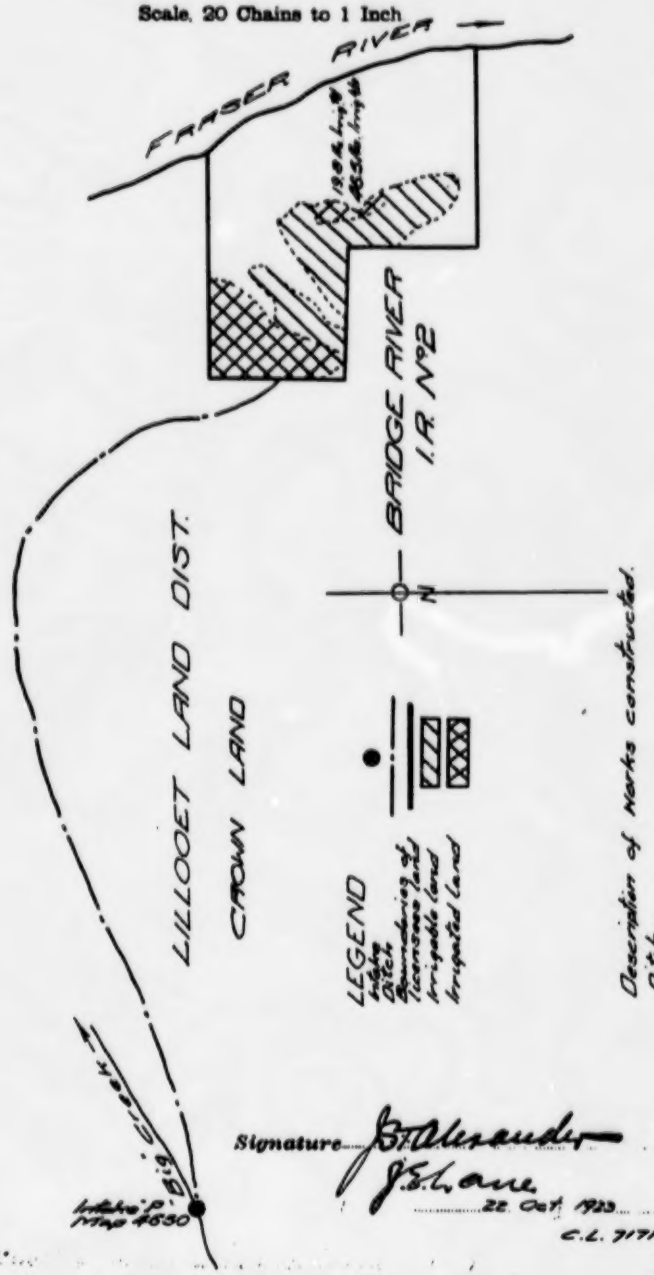
Copy for Comptroller

British Columbia.

To accompany Order No 2752 Precinct

LILLOOET WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



Signature B. Alexander
J.E. Lane.

22 Oct 1923

C.L. 7171. B.O. 2752
File, 1.16.1

EXHIBIT A

W.R.D. 1003—SM-1936-3064

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

Director of Indian Affairs of **Ottawa,**

is hereby authorized to **divert and use** water as follows:—

(a.) The source of the water-supply is **Antoine creek, a tributary of Bridge river.**

(b.) The point of **diversion** is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is **10th May, 1938.**

(d.) The purpose for which the water is to be used is **irrigation.**

(e.) The maximum quantity of water which may be **diverted is 27 acre-feet per annum,**

and such additional quantity as the District Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be **used is 1st April to 30th September.**

(g.) The land upon which the water is to be used and to which this licence is appurtenant **is 9 acres of the north-easterly portion of Bridge River Indian Reserve No.1 east of Bridge river,**

(h.) The works for the **diversion and carriage** of the water are **diversion dam and ditch. They have already been commenced,** as shown on the attached plan.

(i.) ~~day of~~ beneficially used on or before the **31st** day of ~~19~~ **December,** 19 **41.** ~~shall be commenced on or before the~~ and shall be completed and the water

Superseded by Final Licence 12198

Map No. 4507
By ..... B. T. M.

Comptroller of Water Rights.

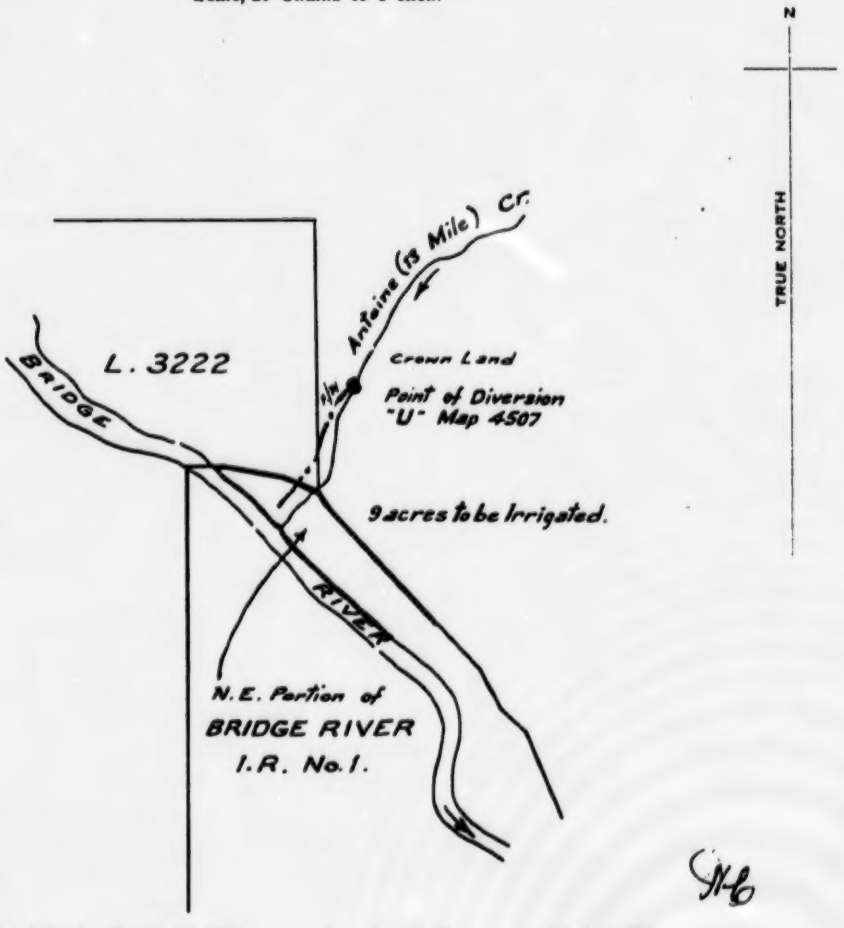
File No. 0130868. Date issued **July 20, 1938.** Licence No. **15695**

British Columbia.

To accompany Conditional Licence No. 13695
& permit for Right of Way over Crown Land.

LILLOOET WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



Signature J. Macdonald

Date 20th July 1938

C.L. 13695
File 0130868

EXHIBIT "A"

For R/w see Ref. Map 24 A (E-7)

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

BRIDGE RIVER INDIAN BAND of P.O. Box 190
Lillooet, British Columbia V0K 1V0

is hereby authorized to divert and use water as follows:

(a) The stream on which the rights are granted is Hoon Creek.

(b) The points of diversion are located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 23rd February, 1891.

(d) The purposes for which this licence is issued are irrigation and domestic.

(e) The maximum quantity of water which may be diverted for irrigation purpose is 334.1 acre-feet per annum of which 2,000 gallons a day may be used for domestic purpose.

(f) The period of the year during which the water may be used for irrigation is 1st April to 30th September and for domestic use the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is that south portion of Indian Reserve No.1, Bridge River lying on the right banks of Hoon Creek, Bridge and Fraser Rivers of which 114.7 acres may be irrigated.

(h) The authorized works are diversion structures, ditches, pipe and sprinkler system, located approximately as shown on the attached plan.

(i) The construction of the said works shall be completed and the water beneficially used prior to the 31st day of December, 1992. Thereafter, the licensee shall continue to make beneficial use of the water in the manner authorized herein.

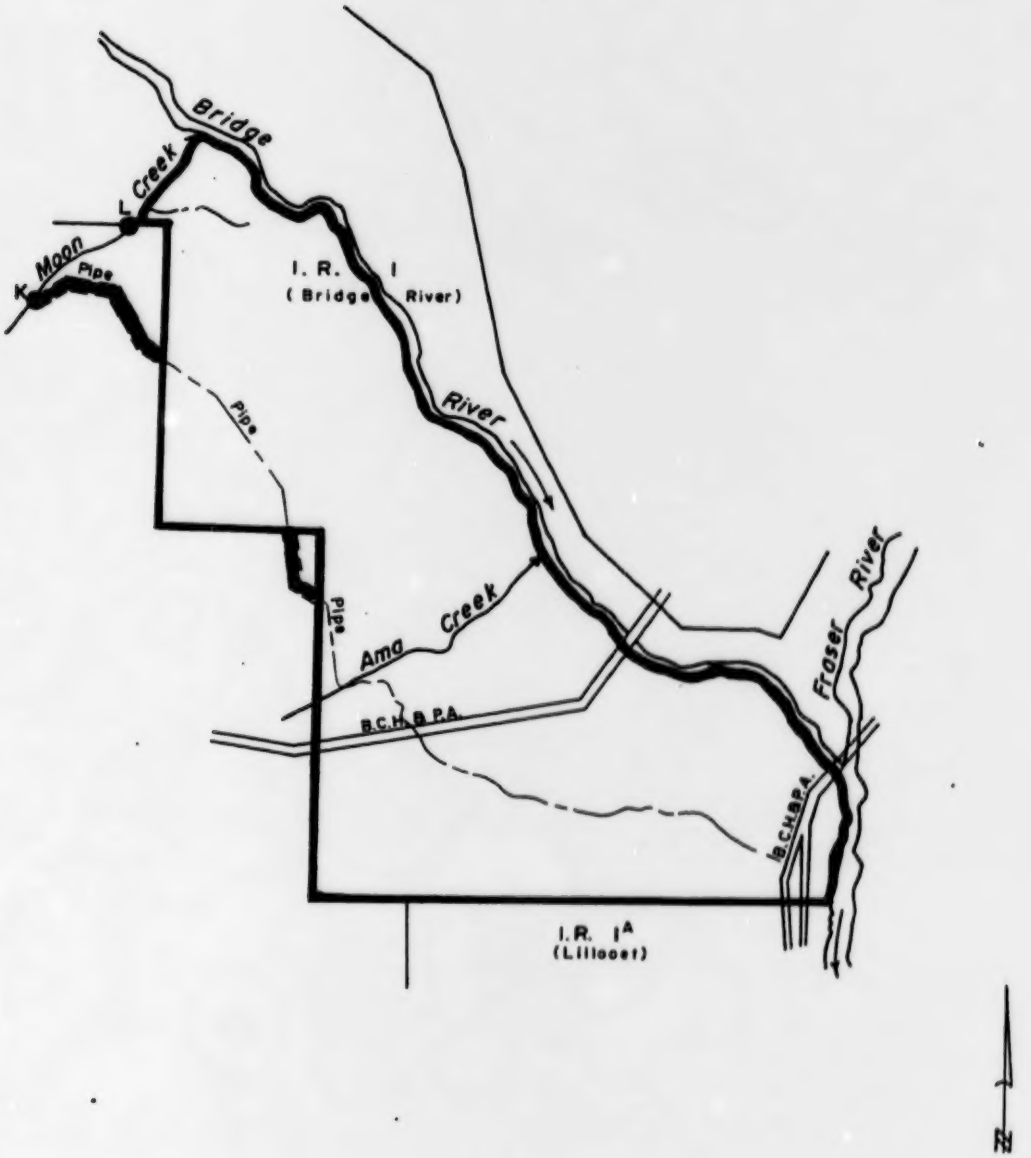
(j) This licence is issued in substitution of Final Water Licence 10431 under Section 15 of the Water Act.

A.D. Zackodnik, P. Eng.
Regional Water Manager

File: 0241103 Date Issued: July 20, 1990 Conditional Licence: 67248

W-183

Province of British Columbia



WATER DISTRICT : ASHCROFT
PRECINCT : BRIDGE RIVER
LAND DISTRICT : LILLOOET

LEGEND

Scale : 40 chains to 1 inch
Point of Diversion : ●●
WM Number : WR 105
Pipe : ——— – ———
Permit over Crown Land: [redacted]

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature [signature]
Date July 20, 1990

C.L. 67248 for F.L. 10431
File 0241103
P.C.L. 1726

W.R.B. 3—1M-636-9339

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is **Antoine creek**

a tributary of **Bridge river.**

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is **25th June, 1920.**

(d.) The purpose for which the water is to be used is **irrigation and domestic.**

(e.) The maximum quantity of water which may be diverted from the stream is **9.65 acre feet per annum of which quantity 500 gallons a day may be used for domestic purpose.**

(f.) The period of the year during which the water may be used is **for irrigation is 1st April to 30th September and for domestic use the whole year.**

(g.) The land upon which the water may be used is **3 acres of northerly portion of Bridge River, Indian Reserve No.1,**

as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of **ditch and flume.**

(i.) This licence is issued in substitution of Conditional Water Licence No. **5391.**

ENTERED ON ±507

Date issued **February 20,1937.**

Comptroller of Water Rights.

File No. **022714**

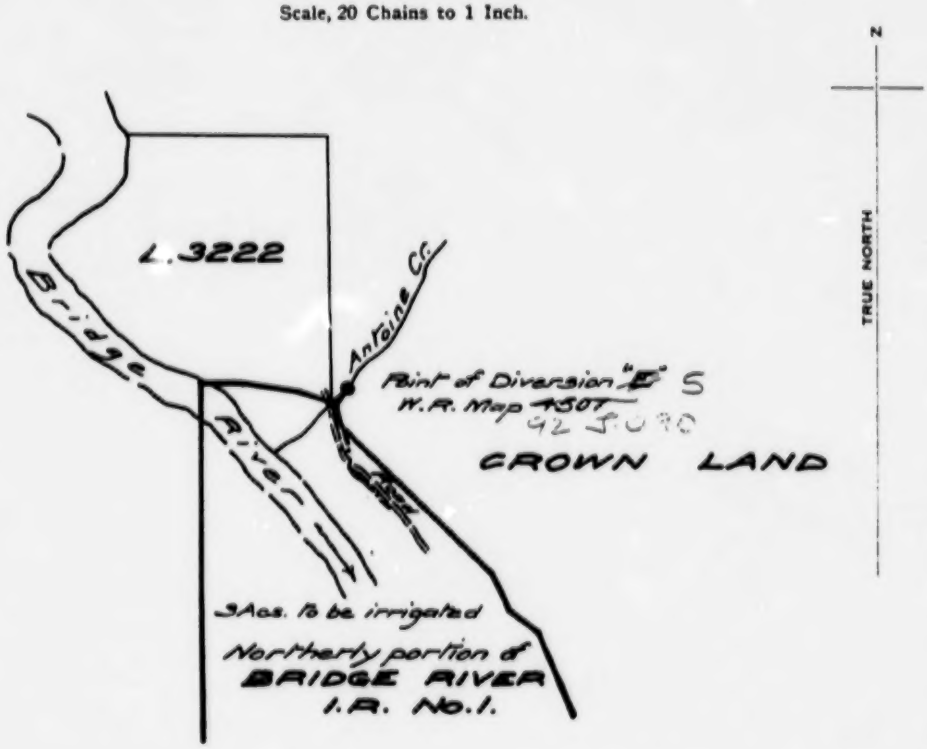
Licence No. **9875**

British Columbia.

To accompany Final Licence No. 3875

LILLOOET WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LILLOOET LAND DISTRICT

Signature

Date 20th Feb. 1937

F.L. 38711 for C.L. 5391

File 022714

EXHIBIT "A"

W.R.B. 2—1M-836-9339

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Moon creek,

a tributary of Bridge river.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 23rd February, 1891.

(d.) The purpose for which the water is to be used is irrigation and domestic.

(e.) The maximum quantity of water which may be diverted from the stream is 334.1 acre-feet per annum of which quantity 2,000 gallons a day may be used for domestic purpose.

(f.) The period of the year during which the water may be used is for irrigation is 1st April to 30th September, and for domestic use the whole year.

(g.) The land upon which the water may be used is 114.7 acres of the South portion of Indian Reserve No. 1, Bridge river,

as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of diversion dam and ditches.

(i.) This licence is issued in substitution of Conditional Water Licence No. 7166 (in part).

Date issued 15th December, 1938.

Comptroller of Water Rights.

2305

By O.M.P.

File No. 2-16-1.

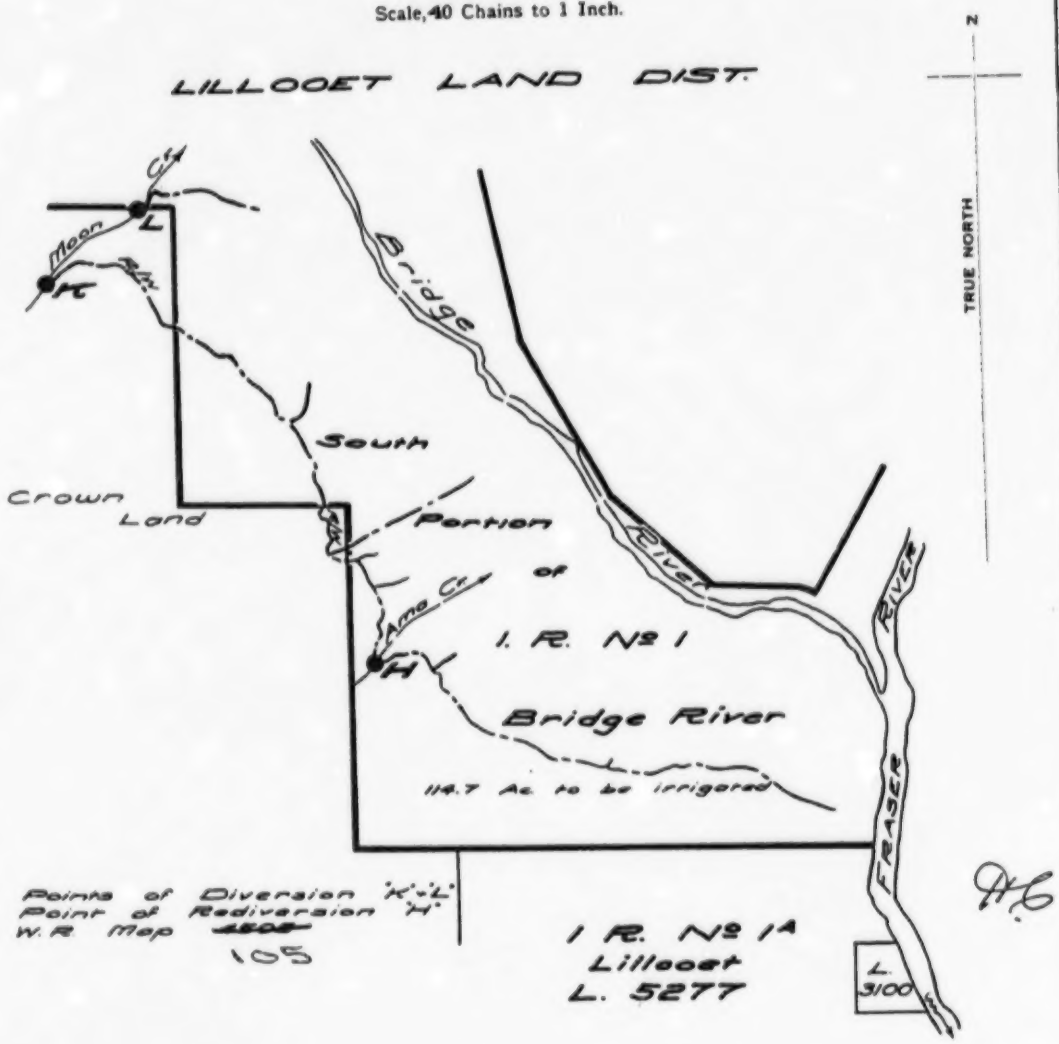
Licence No. 10431

British Columbia.

To accompany { Final Licence No. 10931 for
Conditional Licence No. 7166 (in part)
and Permit for R/W over Crown Land

LILLOOET WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



Signature J. Macdonald

Date 15 Dec. 1938

F.L. 10931 for C.L. 7166 (in part)

File 2-16-1

EXHIBIT "A" For R/W see Ref. Map 89(C-1)

DEPARTMENT OF LANDS.

Permit under the "Water Act," Authorizing Entry upon Crown Lands.

The Director of Indian Affairs, of Ottawa, Canada,

being the holder of Final Licence No. 10431

hereby authorized to enter upon, use, and occupy a right-of-way of the following dimensions:—

Occupied Crown lands: Length, feet; width, feet; area, acres;

Unoccupied Crown lands: Length, 5,600 feet; width, 15 feet; area, 1.93 acres;

across the Crown lands known as West of the South portion of Indian Reserve #1, Bridge river.

which right-of-way is shown approximately on the plan attached to the said licence.

And is authorized to cut and remove from said Crown lands such timber only as is necessary for the construction of works for use of the water authorized to be used under the said licence, such authority being subject to the royalty as provided for under section 53A of the "Forest Act" and to the payment by way of stumpage as may be determined and collected by the Forest Branch.

There shall be payable under this permit on the date hereof and annually hereafter an annual rental which until altered shall be $1.00, and unless the said annual rental is paid punctually this permit may be cancelled without notice.

The further terms and conditions under which this permit is issued are printed on the reverse side of this form and are made a part thereof.

Issued this 15th day of December, 19 38.

Deputy *Minister of Lands.*

File No. 2-16-1.

W.R. Map, Ref. Map 89 (C-1)

W.R.B. 1650—1M-1036-3101

1726

W.R.B. 2—1M-234-9939

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is **Ama creek,**

a tributary of **Bridge river.**

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is **23rd February, 1891.**

(*d.*) The purpose for which the water is to be used is **irrigation and domestic.**

(*e.*) The maximum quantity of water which may be diverted from the stream is **133.2 acre-feet per annum of which quantity 2,000 gallons a day may be used for domestic purpose.**

(*f.*) The period of the year during which the water may be used is **for irrigation is 1st April to 30th September, and for domestic use the whole year.**

(*g.*) The land upon which the water may be used is **44.4 acres of the south portion of Indian Reserve No. 1, Bridge river,**

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of **diversion dam and ditches.**

(*i.*) This licence is issued in substitution of Conditional Water Licence No. **7166 (in part).**

Date issued **15th December, 1938.**

Comptroller of Water Rights.

No. 4605
D.W. 7166

p. 2-16-1.

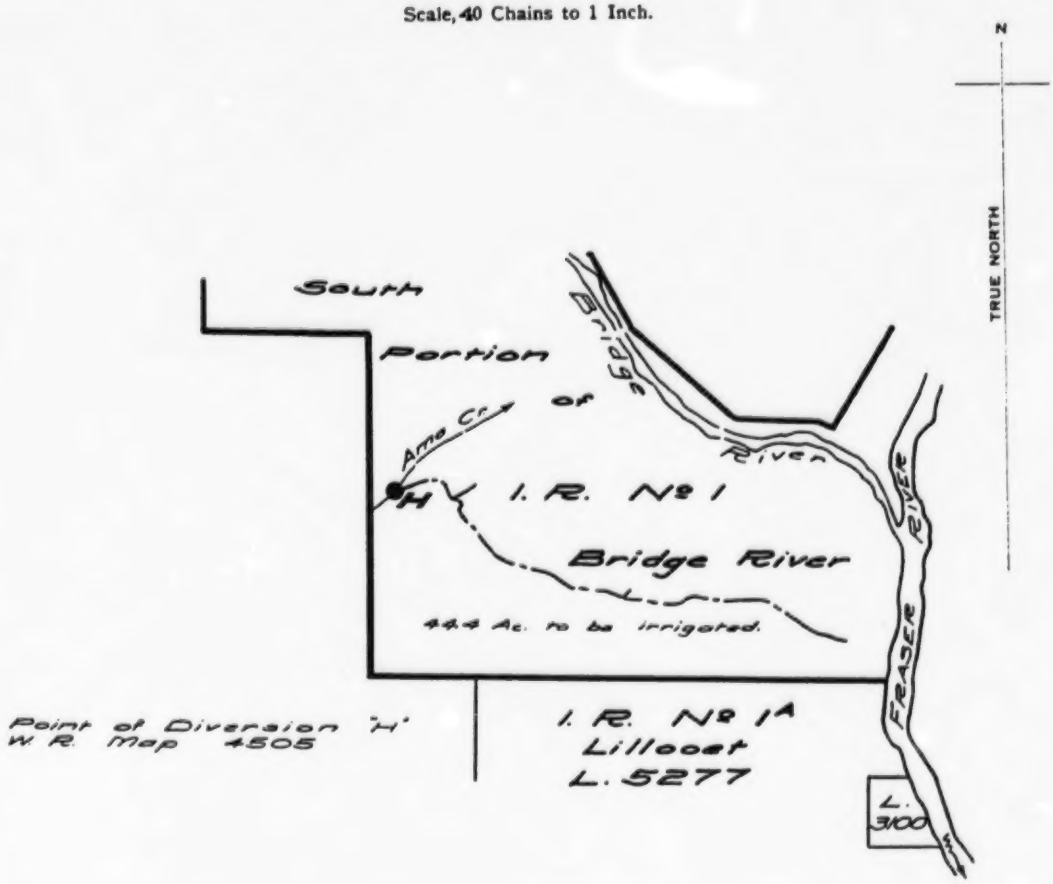
Licence No. **10432**

British Columbia.

To accompany { Final Licence No. 10432 for / Conditional Licence No. 7166 (in part) }

LILLOOET WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



LILLOOET LAND DIST.

Signature J. Macdonald

Date 15 Dec. 1938

F.L. 10432 for C.L. 7166(in part)

File 2-16-1

EXHIBIT "A"

W.R.B. 1—2M-491-6247

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Antoine Creek

a tributary of Bridge River

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 10th May, 1938

(d.) The purpose for which the water is to be used is irrigation

(e.) The maximum quantity of water which may be diverted from the stream is 8 acre-feet per annum

(f.) The period of the year during which the water may be used is 1st April to 30th September.

(g.) The land upon which the water may be used is 2.6 acres of the NE portion of Indian Reserve No. 1, Bridge River, east of Bridge River.

as shown in the said Exhibit "A"

(h.) The works for the diversion and the carriage of the water consists of ditch

(i.) This licence is issued in substitution of Conditional Water Licence No. 13695.

ENTERED 21 1938
Folio No. 4507
Init. BV

E. Davis.

Comptroller of Water Rights.

File No. 0130868 Date issued December 15, 1944 Licence No. [illegible]

10

British Columbia.

To accompany Final Licence No. 12198
a permit for Right of Way over Crown Land.

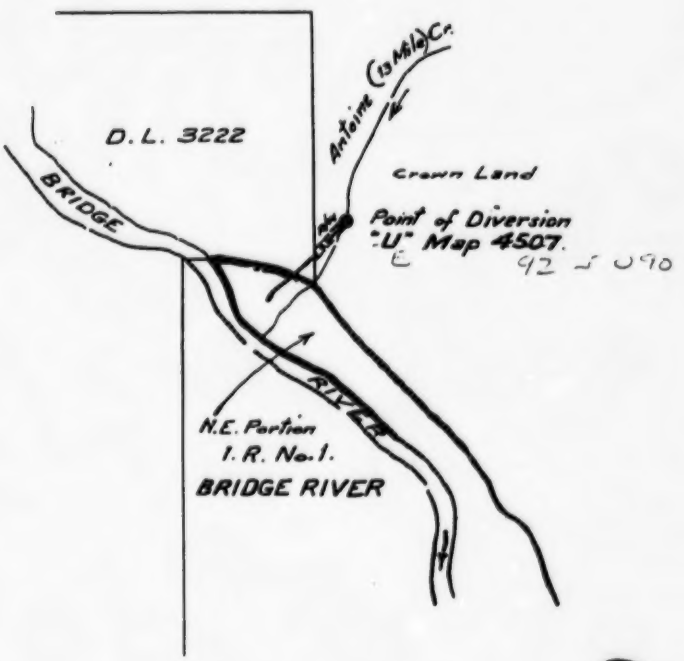
LILLOOET WATER DISTRICT.

Scale, 20 Chains to 1 Inch.

N

TRUE NORTH

LILLOOET LAND DISTRICT



92 - 090

LEGEND

Point of Diversion ●

Ditch

Right of way

The boundaries of the land to which this licence is appurtenant are shown thus; of which 2·6 acres are to be irrig.d

Signature E. Davis

Date 15 Dec. 1944

F. L. 12198 for C.L. 13695

File 0130868

EXHIBIT "A" For R/W see RefMap 24-1(F-7)

DEPARTMENT OF LANDS.

Permit under the "Water Act," Authorizing Entry upon Crown Lands.

The Director of Indian Affairs, of Ottawa,

being the holder of Conditional Licence No. 15695

hereby authorized to enter upon, use, and occupy a right-of-way of the following dimensions:—

Occupied Crown lands: Length, feet; width, feet; area, acres;

Unoccupied Crown lands: Length, 810 feet; width, 15 feet; area, .28 acres;

across the Crown lands ~~known as~~ lying east of Lot 3222, Lillooet District,

which right-of-way is shown approximately on the plan attached to the said licence.

And is authorized to cut and remove from said Crown lands such timber only as is necessary for the construction of works for use of the water authorized to be used under the said licence, such authority being subject to the royalty as provided for under section 56 ~~53~~A of the "Forest Act" and to the payment by way of stumpage as may be determined and collected by the Forest Branch.

There shall be payable under this permit on the date hereof and annually hereafter an annual rental which until altered shall be ~~$2.00~~, and unless the said annual rental is paid punctually this permit may be cancelled without notice.

The further terms and conditions under which this permit is issued are printed on the reverse side of this form and are made a part thereof.

Issued this 20th, day of July, 19 38.

Superseded by F1248

H. Cathcart
Deputy Minister of Lands.

File No. 0130868.

W.R. Map 4507., Ref. Map

W.R.B. 1026—1M-10-44-3701

1675

FILE WITH WATER RECORDER

FOR WATER RECORDER STAMP

CLINTON, B.C.
APR 29, 1988
WATER RECORDER

Applic: on for a Water Licence

WATER ACT

(Section 8)

I/we Bridge River Indian Band
(Full name or names, if land owned jointly.)

of Bridge River Reserve #1, Box 190, Lillooet, B.C., V0K. 1V0.
(Mailing address)

hereby apply to the Comptroller of Water Rights for a licence to {divert and use / store} water out of

Moon Creek which flows North East
(Name of creek, lake, or spring.) (Direction of flow.)

and discharges into Bridge River and give notice of my application to all persons affected.

The point of diversion / ~~The storage dam~~ will be located at Point K on original map.
(Give distance and direction from some surveyed or known point.)

The quantity of water to be diverted or ~~stored~~ is 1200 acre feet per annum
(Cubic feet per second, gallons per day, or acre-feet per annum.)

The purpose for which the water will be used is irrigation

The land or mine on which the water will be used is Lot Bridge River Indian
(Full and correct legal description)

Reserve #1

A copy of this application was posted on the 28 (Day.) April (Month.), 1988

at the proposed point of diversion or site of the dam and on the land or mine where the water is to be used

and two copies will be filed in the office of the Water Recorder at Ashcroft Box 70, Clinton British Columbia.

Objections to this application may be filed with the said Water Recorder or with the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C. V8V 1X5, within thirty days of the serving of a signed copy of the application.

Bradley Jack
Applicant.

By Bradley Jack
Agent.

Agent's address.

IMPORTANT

Every applicant must do the following:

(1) *Post the application on the ground;* that is, in conspicuous places at or near the proposed point of diversion, site of the dam (if any), and place of use.

(2) *File two copies with the Water Recorder* in whose district the point of diversion will be, within twenty days of the posting on the ground.

(3) Within ninety days of the posting of the application on the ground, serve signed copies on all owners of land or mining property that will be affected physically by the proposed works or by the operation or utilization thereof, and on all licensees or prior applicants whose points of diversion are at or below the applicant's proposed point of diversion.

All copies must be signed and completed by filling in the blanks in the above form; and, in addition, the two copies filed with the Water Recorder must contain a sketch showing the applicant's land, the location of the point of diversion and the dam (if any), and all land touched or crossed by the works, and the additional information indicated on the other side of this form.

Both sides of the two copies filed with the Water Recorder must be fully and correctly comple ed or the application may have to be returned.

It is advisable to file the application with the Water Recorder as soon as possible after posting it on the ground because the date of filing will, in most cases, determine the priority of the licence that may be issued.

NOTE.—This sheet need only be completed on the two copies of the application filed with the Water Recorder.

To the Comptroller of Water Rights:

In support of my application for a water licence I submit the following information:—

(1) My title to the place of use is owner
(Whether registered owner, agreement holder, pre-emptor, etc.)

(2) The proposed works will be intake Box at Point K 10 in. Pipe mainline to point H. Then to the end of field 6. Supply of 8" mainline to fields 7 & 9 & 9a & 4 & 4a & 5 & 5a. Run 3" Sprinklers on fields.
(Give general description—pump, pipe, ditch, etc.)

(3) The dam to be constructed will be a ..... dam, and
(Type.)
will be ..... feet in height, and ..... feet in length.

(4) The maximum area of the reservoir will be ..... acres.

(5) The depth of storage at the dam, from bottom of sluice-pipe to crest of the spillway, will be ..... feet.

(6) The head of water to be used will be ..... feet.
(For power and hydraulic mining only.)

(7) The area of land to be irrigated will be 380 acres.

(8) (*a*) The works will be entirely on my own property, or

(*b*) The works will affect physically the property of the following owners:—

Name of Owner, Including the Crown	Legal Description of Land	Area Required for Works	
		Length	Breadth
Crown			

Sketch, showing applicant's land and all other land touched by the works or flooded, also the location of the point of diversion and other works, including buildings to be served with water, if applicable, and the lengths of all ditches, flumes, and pipes.

Bradley Jack for Bridge River Band
Applicant.

.....
Agent.

W.R.B. 4

W-348

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/06/25 16:02
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD47182 - 105 M
END POINT : SO8086 - Ana Creek right of Bridge River

Stream Register Report

Water Licence Information System

DATE: 1996/06/25
TIME: 14:02
PAGE: 001

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED POD Comments				Prec	
1991/02/25	F010432	0370344	44.4 AC OF S PORTION OF IR #1 BRIDGE R LILLOOET DIST	BRIDGE RIVER INDIAN BAND 987-590-8115 BOX 190 LILLOOET BC V0K1V0		DOM IRR	2,000.00 GD 133.20 AF	Jan 01 Apr 01	Dec 31 Sep 30	
	Ana Creek		MR105	N	N				02D ASH - BRIDGE RIVER	

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/05/15 15:46
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD47660 - 92.J.090 Q
END POINT : SO8248 - Antoine Creek left of Bridge River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map	POD	RED POD Comments					Proc	
1920/06/25	P009875	0022714	3 AC OF NLY PORTION OF BRIDGE R IR 01 LILLOOET DIST	BRIDGE RIVER INDIAN BAND 987-590-8115 BOX 190 LILLOOET BC V0K,V0	DOM IRR	500.00 GD 9.65 AF	Jan 01 Apr 01	Dec 31 Sep 30		
Antoine Creek		WR92.J.090	S	N					02D ASH - BRIDGE RIVER	
1930/05/02	P020042	0130758	7.5 AC OF L 3222 LILLOOET DIST	EBNI RUTH C/O PAUL EBNI 73E MARS ST COQUITLAM BC V3J3L3	DOM IRR	500.00 GD 22.50 AF	Jan 01 Apr 01	Dec 31 Sep 30		
Antoine Creek		WR92.J.090	F	N					02D ASH - BRIDGE RIVER	
1930/05/10	P012198	0130868	2.6 AC OF NE PORTION OF IR #1 BRIDGE R E OF BRIDGE R LILLOOET DIST	BRIDGE RIVER INDIAN BAND 987-590-8115 BOX 190 LILLOOET BC V0K1V0	IRR	8.00 AF	Apr 01	Sep 30		
Antoine Creek		WR92.J.090	E	N					02D ASH - BRIDGE RIVER	
1965/11/17	C032057	0265957	L 8440 LILLOOET DIST	BOOTH KELVIN J BOX 1801 LILLOOET B C V0K1V0	DOM	500.00 GD	Jan 01	Dec 31		
Antoine Creek		WR92.J.090	F	N					02D ASH - BRIDGE RIVER	
1968/11/21	C049359	0281994	L 919 LILLOOET DIST	BOOTH KELVIN J BOX 1801 LILLOOET B C V0K1V0	DOM	500.00 GD	Jan 01	Dec 31		
Antoine Creek		WR92.J.090	L	N					02D ASH - BRIDGE RIVER	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map		POD RED POD Comments					Proc	
1972/08/17	C063720	0310701	15 AC OF L A OF L 3106 LILLOOET PLAN 22862	SMALL DAVID M RR 5 COMP 14 SITE 13C BIG WHITE MOUNTAIN RC V1X4K4	IRR	45.00 AF	Apr 01	Sep 30		
Antoine Creek		WR92.J.090		N N					02D ASH - BRIDGE RIVER	
1978/11/16	C055254	0364069	15 ACRE OF L 3223 LILLOOET DIST	YALAKOM RESIDENTIAL CO-OP ASSOC BOX 670 LILLOOET BC V0K1V0	DOM IRR	1,000.00 GD 45.00 AF	Jan 01 Apr 01	Dec 31 Sep 30		
Antoine Creek		WR92.J.090		R . N					02D ASH - BRIDGE RIVER	
Antoine Creek		WR92.J.090		Q N						
1982/06/02	C059796	3000060	A PUMPHOUSE SITE SITUATED ON L 3223 LILLOOET DIST & LICENCE IS APPURTENANT TO SAID LAND	YALAKOM RESIDENTIAL CO-OPERATIVE ASSOC PO BOX 670 LILLOOET BC V0K1V0	PRES	1.70 CS	Jan 01	Dec 31		
Antoine Creek		WR92.J.090		Q N					02D ASH - BRIDGE RIVER	

---------- Total of 8 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/05/15 15:47
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD47645 - 92.J.090 CC
END POINT : SO8243 - Applespring Creek left of Bridge River

---------- No Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/05/15 15:44
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD47973 - 250 83
END POINT : 808480 - Blackhill Creek right of Fraser River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED	POD Comments			Prec	
1988/04/29	C063697	0366434	10 AC OF L 4684 DIST LILLOOET	GANNON MERLE J BOX 514 LILLOOET BC V0K1V0	IRR	30.00 AF	Apr 01	Sep 30		
	Blackhill Creek		WR250	B3	N	REDIVERSION AT EE 250 M BLACKHILL CR			02J ASH - PAVILION	
	North Blackhill Creek		WR250	EE	Y	REDIVERSION FROM B3 250 BLACKHILL CR				

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/06/26 09:45
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD47063 - 121 H
END POINT : SO8081 - Bridge River right of Fraser River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map	POD	RED POD Comments					Prec	
1912/12/26	C009265	0265200	STOR FOR C 9264 BRIDGE R	BC HYDRO & POWER AUTHORITY PWR SUPPLY BUS. SERVICES 6911 SOUTHPOINT DR (BO8) BURNABY BC V3N4X8	STOPR	15,000.00 AF	Jan 01	Dec 31	EXPIRES 1ST APRIL 2019 STOR IN RIVER	
Bridge River		WR121	E N						02D ASH - BRIDGE RIVER	
1949/10/29	C019379	0161431	STOR FOR C 9264 BRIDGE R	BC HYDRO & POWER AUTHORITY PWR SUPPLY BUS. SERVICES 6911 SOUTHPOINT DR (BO8) BURNABY BC V3N4X8	STOPR	737,000.00 AF	Jan 01	Dec 31	EXPIRES 1ST APRIL 2019 STOR IN RIVER	
Bridge River		WR121	E N						02D ASH - BRIDGE RIVER	
1956/03/05	C023626	0210547	A PWRHOUSE SITE SIT ON PART OF IR #1 SLOSH LILLOOET DIST	BC HYDRO & POWER AUTHORITY PWR SUPPLY BUS. SERVICES 6911 SOUTHPOINT DR (BO8) BURNABY BC V3N4X8	PRSEN	3,000.00 CB	Jan 01	Dec 31		
Bridge River		WR121	E N						02D ASH - BRIDGE RIVER	
1969/05/06	C102670	3001668	PCL A (DD85798I) OF DL 3106 LILLOOET DIST	GALAN MICHAEL P BOX 1503 LILLOOET BC V0K1V0	IRR	6.00 AF	Apr 01	Sep 30		
Bridge River		WR92.J.090	LL N						02D ASH - BRIDGE RIVER	
1991/09/16	I104036	3002035	BRIDGE R CHANNEL DOWNSTREAM FROM TERZ AGNI DAM LOT 7613 LD	FISHERIES BRANCH 1259 DALHOUSIE DR KAMLOOPS BC V2C5Z5	CONST	40,000.00 AF	Jan 01	Dec 31		APP APPLIC-CLEARED
Bridge River		WR121	E N						02D ASH - BRIDGE RIVER	

---------- Total of 5 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/06/26 09:53
Report Sorted By : Source C..netted - Priority Date - Licence Number
Selection Criteria
START POINT : P047649 - 92.J.090 SB
END POINT : S08247 - Canoe Creek right of Bridge River

---------- No Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/06/26 12:29
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD47672 - 92.J.090 EE
END POINT : SO8242 - Five Mile Creek left of Bridge River

---------- No Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/06/26 09:51
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD47017 - 92.J.080 J
END POINT : SO8085 - Moon Creek right of Bridge River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED	POD Comments			Prec	
1891/02/23	C067248	0241103	114.7 AC OF THE S PORTION OF IR #1 BR IDGE R LYING ON THE R BANKS OF NOON C R BRIDGE AND FRASER RIVERS	BRIDGE RIVER INDIAN BAND 987-590-8115 BOX 190 LILLOOET BC V0K1V0	DOMIN	2,000.00 GD	Jan 01	Dec 31		
					IRR	334.10 AF	Apr 01	Sep 30		
	Moon Creek		WR105	L	N				02D ASH - BRIDGE RIVER	
	Moon Creek		WR105	R	N					
1988/04/29	E102692	3001259	BRIDGE RIVER INDIAN RESERVE # 1 LILLOOET DIST	BRIDGE RIVER INDIAN BAND 987-590-8115 BOX 190 LILLOOET BC V0K1V0	IRR	1,200.00 AF	Apr 01	Sep 30		APP APPLIC-CLEARED
	Moon Creek		WR105	R	N				02D ASH - BRIDGE RIVER	

---------- Total of 2 Licences Reported ----------

BLACKHILL CREEK NEAR PAVILION - STATION NO. 08MD029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	0.001	0.052	0.022	0.003	0	0	---	---	---	---	1981
1982	---	---	---	---	0.022	0.016	0.002	0.001	0	---	---	---	---	1982
983	---	---	---	0.004	0.022	0.012	0.001	0	0	---	---	---	---	1983
)84	---	---	---	0	0	0.020	0	0	0	---	---	---	---	1984
1985	---	---	---	0	0.028	0.006	0	0	0	---	---	---	---	1985
MEAN	---	---	---	0.001	0.025	0.015	0.001	0	0	---	---	---	---	MEAN

LOCATION - LAT 50 48 08 N LONG 121 53 43 W DRAINAGE AREA, 13.8 km²
REGULATED

BLACKHILL CREEK NEAR PAVILION - STATION NO. 08MD029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	0.425 AT 11:10 PST ON MAY 15 *	0.170 ON MAY 27 *	0E ON APR 01 *	---	1981
1982	0.064 AT 00:46 PST ON JUN 05	0.047 ON JUN 05	0 ON APR 17	---	1982
1983	---	0.055E ON MAY 30	0 ON JUL 22	---	1983
1984	---	0.068E ON JUN 15	---	---	1984
1985	0.106 AT 22:55 PST ON MAY 20	0.080 ON MAY 21	0 ON MAR 25	---	1985
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BLAEBERRY RIVER ABOVE WILLOWBANK CREEK - STATION NO. 08NB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	2.48	2.00	2.11	2.61	18.3	48.9	39.3	29.1	14.3	6.25	3.23	2.82	14.3	1970
1971	2.48	2.34	1.96	4.75	32.7	49.4	40.6	39.5	15.5	7.94	4.43	3.54	17.0	1971
1972	2.11	1.82	1.93	2.98	40.2	75.8	48.9	39.6	14.5	7.70	3.79	3.97	20.2	1972
1973	2.61	2.34	1.98	3.73	24.7	42.7	38.9	28.8	14.0	6.94	4.52	4.13	14.6	1973
1974	2.18	1.71	1.75	7.22	19.7	62.3	50.7	33.8	17.4	6.67	3.47	2.70	17.5	1974
1975	2.42	2.09	1.89	2.94	15.0	36.4	50.3	26.9	14.5	7.14	6.86	4.32	14.3	1975
1976	2.91	2.06	1.97	6.75	25.0	39.4	61.2	48.0	32.9	9.61	4.73	3.49	20.6	1976
1977	2.78	2.31	2.02	8.04	25.2	48.4	33.4	34.9	13.5	5.52	3.20	2.20	15.2	1977
1978	1.93	1.60	1.93	6.49	29.5	42.8	46.5	28.7	27.5	10.6	6.77	3.84	16.5	1978
1979	3.31	2.32	2.13	3.95	20.5	45.0	42.7	31.9	18.4	8.14	2.93	2.10	15.4	1979
`80	1.88	1.45	1.72	11.1	43.0	44.1	35.7	20.7	14.3	9.84	4.79	5.06	16.2	1980
1	6.28	3.04	2.69	6.69	38.5	33.3	58.8	43.9	19.7	7.56	5.31	3.58	19.2	1981
.2	2.07	2.14	2.11	2.67	22.5	59.7	50.3	34.9	27.3	9.39	5.23	3.19	18.5	1982
983	2.74	2.10	2.12	6.25	23.2	38.7	42.4	34.0	14.3	6.54	6.21	3.09	15.2	1983
1984	2.63	2.19	2.14	6.36	11.8	45.7	42.7	35.5	16.8	7.93	3.86	2.54	15.2	1984
1985	2.21	1.84	1.95	5.79	32.5	39.0	43.0	24.6	12.5	6.41	4.24	3.61	14.9	1985
1986	5.33	1.91	2.08	6.54	34.9	61.8	39.1	30.5	13.5	7.51	4.16	2.71	17.5	1986
1987	5.25	1.92	2.04	6.74	34.8	44.6	38.7	23.3	16.8	5.97	3.64	2.42	15.4	1987
1988	1.78	1.29	1.64	8.53	24.2	52.4	38.9	29.7	15.5	8.63	4.91	3.17	15.9	1988
1989	2.43	2.01	1.94	5.86	23.4	51.8	42.9	34.4	14.4	6.77	6.03	3.71	16.4	1989
1990	2.76	2.52	2.44	10.8	28.2	57.2	58.4	39.0	19.2	7.58	5.85	3.53	19.9	1990
MEAN	2.60	2.05	2.08	6.09	26.9	48.5	44.9	32.9	17.6	7.64	4.67	3.11	16.7	MEAN

LOCATION - LAT 51 28 53 N LONG 116 58 06 W DRAINAGE AREA, 588 km²
NATURAL FLOW

BLAEBERRY RIVER ABOVE WILLOWBANK CREEK - STATION NO. 08NB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	67.1 AT 02:46 MST ON JUN 05	65.7E ON JUN 04	1.58B ON FEB 10	452 000	1970
1971	94.0 AT 21:42 MST ON JUN 23	79.0 ON JUN 23	1.06B ON DEC 10 *	537 000	1971
1972	144 AT 05:00 MST ON JUN 01	132 ON JUN 11	1.75B ON JAN 04	640 000	1972
1973	99.4 AT 12:42 MST ON JUN 24	93.7 ON JUN 24	1.89 ON MAR 18	461 000	1973
1974	120 AT 05:27 MST ON JUN 24	112 ON JUN 24	1.26B ON MAR 07	553 000	1974
1975	84.4 AT 22:08 MST ON JUL 15	69.7 ON JUL 12	1.31B ON MAR 26	452 000	1975
1976	94.9 AT 01:30 MST ON SEP 06	86.1 ON JUL 08	1.84B ON MAR 03	651 000	1976
1977	103 AT 23:17 MST ON JUN 08	98.8 ON JUN 08	1.70B ON NOV 21	479 000	1977
1978	---	62.3E ON JUN 06	1.26B ON MAR 04	522 000	1978
1979	71.9 AT 06:45 MST ON MAY 27	64.0A ON MAY 27	1.67B ON DEC 18	484 000	1979
1980	81.3 AT 00:50 MST ON JUN 17	70.2 ON JUN 17	1.33B ON FEB 26	512 000	1980
1981	96.0 AT 08:20 MST ON MAY 26	88.9 ON MAY 26	2.12 ON MAR 07	607 000	1981
1982	88.0 AT 01:40 MST ON JUN 28	78.0 ON JUL 21	1.68 ON APR 07	584 000	1982
1983	102 AT 14:50 MST ON JUL 12	85.0 ON JUL 12	1.44B ON FEB 05	481 000	1983
1984	114 AT 21:04 MST ON JUN 29	91.8 ON JUN 29	1.74 ON MAR 04	481 000	1984
1985	82.2 AT 23:37 MST ON MAY 24	79.3 ON MAY 25	1.62B ON FEB 03	470 000	1985
1986	153 AT 02:05 MST ON MAY 29 *	137 ON MAY 29 *	1.35 ON FEB 03	552 000	1986
1987	69.4 AT 15:06 MST ON MAY 12	62.7 ON JUN 16	1.65B ON JAN 16	484 000	1987
1988	---	100 E ON JUN 08	1.10B ON JAN 31	504 000	1988
1989	---	87.5E ON JUN 15	1.25B ON MAR 02	517 000	1989
`90	---	86.6E ON JUN 25	1.60B ON FEB 16	627 000	1990
A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		526 000	MEAN

BRIDGE RIVER BELOW TYAUGHTON CREEK - STATION NO. 08ME014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	337 AT 13:50 PST ON JUN 11	328 ON JUN 11	---	---	1929
30	501 AT 06:00 PST ON JUN 11	467 ON JUN 11	8.18B ON MAR 15	2 690 000	1930
31	419 AT 10:00 PST ON JUN 09	405 ON JUN 09	8.50B ON FEB 08	2 610 000	1931
32	365 AT 19:30 PST ON JUN 15	357 ON JUN 14	8.35B ON DEC 16	2 590 000	1932
1933	368 AT 06:00 PST ON JUL 17	365 ON JUL 17	7.65B ON FEB 14	2 660 000	1933
1934	385 AT 10:00 PST ON JUN 12	377 ON JUN 12	12.7 B ON DEC 24	3 130 000	1934
1935	---	419E ON JUL 24	10.2 B ON DEC 21	2 930 000	1935
1936	498 AT 17:00 PST ON MAY 31	481 ON MAY 31 *	5.66B ON MAR 30 *	2 550 000	1936
1937	422 AT 15:30 PST ON JUN 08	408 ON JUN 08	7.36B ON FEB 03	2 840 000	1937
1938	436 AT 10:00 PST ON JUN 24	428 ON JUN 24	7.36B ON NOV 23	2 930 000	1938
1939	371 AT 06:30 PST ON JUL 28	362 ON JUL 28	5.66B ON FEB 09	2 790 000	1939
1940	680 AT 23:00 PST ON OCT 19 *	459 ON OCT 19	15.6 B ON FEB 26	3 390 000	1940
1941	---	---	---	---	1941
				2 830 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIDGE RIVER NEAR GOLD BRIDGE - STATION NO. 08ME005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	179	160	84.3	34.3	17.3	16.5	---	1924
1925	7.13	7.87	8.04	19.1	117	178	217	180	92.0	27.5	13.0	12.4	73.7	1925
1926	6.84	7.09	9.93	33.5	58.7	134	204	179	83.3	46.6	15.7	9.81	66.1	1926
1927	8.18	6.27	7.05	12.1	42.9	185	190	189	101	85.5	25.0	13.8	72.6	1927
1928	13.1	8.80	11.6	15.7	89.4	152	187	137	81.8	25.9	15.4	13.5	62.9	1928
1929	7.77	5.79	7.95	10.3	51.8	122	125	139	90.6	53.8	13.9	6.51	53.2	1929
1930	6.73	7.02	6.64	28.5	49.3	149	176	152	109	27.4	13.7	8.66	61.5	1930
1931	8.10	7.41	8.62	14.2	72.8	154	171	137	76.0	41.4	26.8	13.2	61.2	1931
1932	8.67	6.71	9.95	17.0	63.1	171	151	161	69.7	33.2	22.9	9.93	60.5	1932
1933	8.64	6.35	6.77	15.1	43.8	115	181	179	79.2	47.4	31.9	15.5	61.3	1933
1934	12.2	13.1	17.0	85.6	114	190	182	166	81.5	54.0	34.9	16.2	80.9	1934
1935	22.9	27.7	15.6	16.3	66.3	171	221	144	82.9	31.8	14.6	11.3	69.1	1935
1936	7.11	4.44	4.09	19.6	107	168	156	153	81.0	48.9	24.7	9.09	65.4	1936
1937	5.14	4.82	9.45	13.7	45.2	192	197	121	95.3	44.0	24.8	14.3	64.2	1937
1938	9.37	8.27	10.4	16.5	78.1	210	201	118	129	39.9	13.4	9.60	70.6	1938
1939	6.65	6.05	10.8	20.3	66.0	120	182	173	80.1	35.5	33.6	35.9	64.6	1939
1940	17.0	15.2	16.0	32.9	98.8	182	199	156	111	93.1	28.1	23.6	81.3	1940
1941	16.4	14.8	19.5	45.3	106	---	---	---	---	---	---	---	---	1941
MEAN	10.1	9.28	10.6	24.5	74.7	162	183	156	89.9	45.3	21.7	14.1	66.8	MEAN

LOCATION - LAT 50 51 04 N DRAINAGE AREA, 1 650 km^2
LONG 122 50 45 W NATURAL FLOW

BRIDGE RIVER NEAR GOLD BRIDGE - STATION NO. 08ME005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	280 ON JUN 27	6.51B ON NOV 28	2 330 000	1925
1926	---	273 ON JUL 12	5.44B ON JAN 02	2 090 000	1926
1927	---	263 ON JUL 24	5.52B ON FEB 08	2 290 000	1927
1928	---	266 ON JUL 21	7.50B ON FEB 14	1 990 000	1928
1929	---	211 ON JUN 10	5.24B ON FEB 09	1 680 000	1929
1930	---	245 ON JUN 16	5.66B ON NOV 18	1 940 000	1930
1931	---	283 ON SEP 05	5.95B ON JAN 19	1 930 000	1931
1932	---	249 ON JUN 15	5.38B ON DEC 16	1 910 000	1932
1933	---	265 ON JUL 17	5.38B ON JAN 17	1 930 000	1933
1934	---	283 ON JUN 11	8.50B ON DEC 23	2 550 000	1934
1935	---	377 ON JUL 24	4.33 ON NOV 18	2 180 000	1935
1936	---	388 ON MAY 31	4.83B ON MAR 30 *	2 070 000	1936
1937	---	282 ON JUN 30	5.11B ON FEB 02	2 030 000	1937
1938	---	345 ON JUN 24	5.95B ON DEC 26	2 230 000	1938
1939	---	286 ON JUL 28	4.53B ON FEB 09	2 040 000	1939
1940	---	518 ON OCT 19 *	13.3 ON FEB 21	2 570 000	1940
1941	---	---	---	---	1941
				2 110 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIDGE RIVER NEAR SHALALTH - STATION NO. 08ME001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	292	273	104	72.6	35.2	26.7	---	1913
1914	21.8	19.8	24.2	46.6	156	260	346	220	99.6	107	57.5	24.9	116	1914
1915	18.4	17.0	25.0	63.8	140	230	304	321	127	50.9	21.7	15.0	112	1915
1916	14.7	24.3	28.3	37.4	113	339	327	263	133	51.1	20.6	13.2	114	1916
1917	12.7	12.0	13.3	16.6	69.4	199	260	229	127	84.0	30.5	22.0	92.1	1917
1918	51.8	19.8	19.1	43.5	130	378	410	246	164	89.9	30.7	19.0	133	1918
1919	12.7	11.3	12.6	29.4	85.4	169	324	277	121	39.0	35.2	15.9	95.1	1919
1920	17.0	13.2	13.3	15.5	34.8	116	383	266	96.1	71.4	28.6	20.5	90.4	1920
1921	14.0	14.7	16.6	24.8	129	325	275	241	71.5	75.6	63.9	23.1	107	1921
1922	17.7	15.3	13.8	21.4	92.1	366	367	258	171	62.5	24.8	16.6	119	1922
1923	15.2	13.6	13.9	29.8	106	291	321	270	153	55.9	20.1	16.0	109	1923
1924	13.9	16.7	15.1	22.5	198	283	292	265	138	57.8	31.2	26.4	114	1924
1925	14.9	15.8	17.9	36.9	206	251	299	229	110	38.2	16.2	20.1	105	1925
1926	11.6	12.4	16.9	49.8	85.6	173	264	210	94.8	60.1	27.0	17.8	85.8	1926
1927	14.5	11.0	12.3	20.4	66.5	311	281	254	148	124	51.8	31.8	111	1927
1928	27.9	16.2	21.4	28.5	186	260	314	218	126	39.9	22.0	21.9	107	1928
1929	12.4	9.19	13.9	16.1	85.5	209	192	198	140	76.7	21.4	12.9	82.7	1929
1930	13.2	14.0	12.6	43.8	88.7	249	242	209	134	34.7	19.2	13.6	89.8	1930
1931	12.9	11.9	14.5	17.8	110	238	234	200	106	58.7	37.4	21.3	89.1	1931
1932	15.1	13.2	19.2	27.5	118	271	216	218	103	51.8	29.4	15.0	91.7	1932
1933	14.4	11.3	11.8	22.4	74.6	191	270	240	116	55.9	51.4	24.5	92.6	1933
1934	19.6	20.2	28.2	137	183	282	233	202	118	70.8	52.1	24.4	115	1934
1935	34.3	45.0	26.1	25.2	109	263	317	192	110	42.7	23.8	16.1	101	1935
1936	10.6	10.1	10.2	28.0	131	258	195	212	121	70.4	35.1	16.2	91.7	1936
1937	14.2	11.6	14.0	17.7	71.0	305	286	170	142	68.2	38.1	23.2	97.1	1937
1938	16.6	12.8	14.1	23.5	131	315	271	151	161	62.9	25.9	19.9	101	1938
1939	14.3	11.6	15.9	30.6	105	194	268	241	115	48.0	42.9	52.6	95.6	1939
1940	27.8	20.9	20.5	46.0	173	301	300	206	151	139	38.7	30.3	122	1940
1941	19.9	17.3	22.0	54.6	108	223	299	211	82.3	54.7	37.7	38.5	98.0	1941
1942	20.2	15.2	16.1	32.0	152	280	332	148	137	74.9	25.6	24.5	114	1942
1943	19.3	15.5	15.4	35.5	71.8	191	261	165	103	57.8	51.1	16.8	81.6	1943
1944	11.9	10.5	12.0	21.9	97.4	256	235	182	130	60.6	39.3	16.2	89.6	1944
1945	13.6	12.1	12.8	16.8	112	264	237	186	82.5	53.6	16.3	13.0	85.4	1945
1946	9.89	9.44	13.5	18.5	186	262	278	199	106	30.3	15.0	12.2	95.6	1946
1947	7.88	10.4	16.1	36.3	185	245	198	142	93.9	72.3	25.1	13.7	87.6	1947
1948	11.9	12.2	13.0	22.9	173	570	293	239	144	---	---	---	---	1948
MEAN	17.1	15.1	16.7	33.2	122	266	284	223	122	64.8	32.3	21.2	101	MEAN

LOCATION - LAT 50 47 15 N LONG 122 13 30 W DRAINAGE AREA 3 650 km² REGULATED SINCE 1948

REMARKS - MONTHLY MEAN DISCHARGES (ADJUSTED FOR UPSTREAM REGULATION) HAVE BEEN COMPUTED BY B.C. HYDRO

BRIDGE RIVER NEAR SHALALTH - STATION NO. 08ME001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	447 ON JUL 24	---	---	1913
1914	---	532 ON JUN 18	18.4 ON JAN 25	3 660 000	1914
1915	---	439 ON AUG 22	15.0 B ON DEC 01	3 530 000	1915
1916	---	561 ON JUN 19	11.5 B ON DEC 01	3 590 000	1916
1917	---	320 ON JUL 22	10.5 ON MAR 30	2 900 000	1917
1918	---	736 ON JUN 11	10.5 ON NOV 25	4 170 000	1918
1919	---	484 ON JUL 17	10.2 B ON DEC 08	3 000 000	1919
1920	---	504 ON JUL 14	11.3 B ON FEB 27	2 860 000	1920
1921	---	524 ON JUN 08	14.0 B ON JAN 01	3 370 000	1921
1922	---	575 ON JUL 05	11.6 ON DEC 12	3 770 000	1922
1923	---	447 ON JUN 10	11.6 ON DEC 10	3 450 000	1923
1924	---	425 ON JUL 04	12.1 B ON JAN 25	3 600 000	1924
1925	---	447 ON JUN 28	4.64 ON NOV 28 *	3 320 000	1925
1926	374 AT 14:00 PST ON JUL 13	371 ON JUL 13	8.55 ON NOV 21	2 710 000	1926
1927	436 AT 18:00 PST ON JUN 10	425 ON JUN 10	9.23 ON FEB 09	3 510 000	1927
1928	430 AT 12:00 PST ON JUN 29	428 ON JUN 29	13.6 B ON FEB 15	3 390 000	1928
1929	377 AT 01:00 PST ON JUN 12	365 ON JUN 11	8.21B ON FEB 12	2 610 000	1929
1930	544 AT 23:59 PST ON JUN 11	456 ON JUN 12	9.74B ON MAR 02	2 830 000	1930
1931	416 AT 23:00 PST ON JUN 09	408 ON JUN 10	9.88B ON FEB 25	2 810 000	1931
1932	419 AT 09:30 PST ON JUN 16	411 ON JUN 16	9.34B ON DEC 30	2 900 000	1932
1933	---	377E ON JUL 17	10.2 B ON FEB 14	2 920 000	1933
1934	445 AT 01:00 PST ON JUN 13	433 ON JUN 13	10.7 B ON DEC 24	3 610 000	1934
1935	493 ON JUL 24	487 ON JUL 24	11.8 B ON DEC 21	3 100 000	1935
1936	614 AT 07:00 PST ON JUN 01	600 ON JUN 01	7.40B ON JAN 07	2 900 000	1936
1937	459 AT 06:00 PST ON JUN 09	453 ON JUN 09	10.8 B ON FEB 20	3 060 000	1937
1938	507 AT 21:00 PST ON JUN 24	493 ON JUN 24	7.65A ON NOV 23	3 180 000	1938
1939	413 AT 19:00 PST ON JUL 28	405 ON JUL 28	10.6 B ON MAR 05	3 010 000	1939
1940	708 AT 23:30 PST ON OCT 19	634E ON OCT 20	16.4 ON FEB 27	3 850 000	1940
1941	507 AT 13:30 PST ON JUL 19	496 ON JUL 19	11.2 B ON FEB 25	3 290 000	1941
1942	518 AT 10:00 PST ON JUL 05	510 ON JUL 05	12.1 B ON FEB 21	3 590 000	1942
1943	351 AT 04:00 PST ON JUL 03	345 ON JUL 03	12.1 B ON FEB 21	2 570 000	1943
1944	374 AT 06:00 PST ON JUN 12	362 ON JUN 12	9.85B ON FEB 04	2 830 000	1944
1945	459 AT 03:30 PST ON JUN 22	430 ON JUN 22	10.1 B ON MAR 06	2 690 000	1945
1946	402 AT 07:00 PST ON JUN 21	396 ON JUN 21	7.36B ON DEC 30	3 020 000	1946
1947	408 AT 08:00 PST ON MAY 29	399 ON MAY 29	7.11B ON JAN 30	2 760 000	1947
1948	900 ON JUN 09 *	900 ON JUN 09 *	---	---	1948
				3 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIDGE RIVER AT LAJOIE FALLS - STATION NO. 08ME004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	138	129	65.3	17.5	9.53	10.2	---	1924
1925	4.50	5.06	4.99	9.29	59.4	95.9	144	121	64.2	17.2	5.59	6.43	45.2	1925
1926	4.11	4.07	6.21	15.3	28.3	86.8	145	129	60.9	26.8	11.1	6.55	44.5	1926
1927	4.41	3.34	3.55	6.60	21.5	117	149	112	85.8	37.4	13.1	10.2	50.7	1927
1928	9.79	5.20	6.49	7.87	52.1	106	144	112	70.5	20.7	7.66	6.43	46.0	1928
1929	3.12	3.04	4.44	5.37	26.2	75.7	98.5	117	90.7	34.1	6.52	3.44	39.2	1929
1930	3.70	3.76	3.35	15.2	29.0	99.3	116	110	89.0	16.5	7.20	4.43	42.3	1930
1931	4.41	4.02	5.59	6.04	33.4	107	124	129	59.8	28.9	13.7	5.97	43.3	1931
1932	2.99	3.02	4.05	7.63	31.8	100	120	153	56.8	24.0	9.62	5.41	39.5	1932
1933	3.41	3.31	4.24	7.41	39.0	99.1	114	153	54.9	26.3	17.4	7.30	38.0	1933
1934	5.90	6.58	7.80	31.0	61.5	122	123	123	66.9	39.7	18.8	9.37	51.5	1934
1935	16.2	18.5	8.93	9.65	31.8	92.6	156	103	63.9	21.6	7.20	5.94	44.8	1935
1936	3.18	3.14	1.98	8.60	54.9	125	121	134	66.7	40.1	17.0	6.68	48.5	1936
1937	3.83	3.47	5.29	7.53	19.4	116	147	98.6	80.1	26.9	11.9	8.36	44.3	1937
1938	5.41	4.27	6.91	9.88	40.5	130	148	101	106	35.5	8.54	5.14	50.3	1938
1939	3.43	3.14	5.95	10.3	34.4	78.3	139	145	87.0	23.3	14.4	17.9	47.2	1939
1940	8.04	6.46	7.36	15.1	53.7	118	146	128	87.7	55.9	16.4	14.2	55.8	1940
1941	9.49	7.94	10.3	20.0	40.3	82.1	139	103	39.2	28.1	12.6	10.7	39.9	1941
1942	5.63	3.91	5.72	9.72	36.4	77.5	119	123	75.9	29.9	9.17	14.2	43.7	1942
1943	6.86	4.45	5.50	10.1	20.4	67.5	87.1	98.4	68.1	30.7	7.51	6.52	34.6	1943
1944	3.84	---	---	---	---	134	159	126	94.4	30.9	13.8	---	---	1944
1945	---	---	3.69	7.45	36.4	99.9	119	121	---	30.8	8.04	5.10	---	1945
1946	3.40	2.78	3.51	4.38	65.4	97.9	103	87.6	61.0	15.8	6.13	6.04	38.3	1946
1947	4.05	3.71	5.33	10.9	72.5	101	108	111	61.1	29.3	12.3	5.77	44.0	1947
1948	3.36	2.93	5.18	11.3	---	---	---	---	---	---	---	---	---	1948
MEAN	5.44	4.78	5.42	10.7	39.4	99.3	129	119	72.4	28.2	11.1	7.94	44.3	MEAN

LOCATION - LAT 50 50 15 N LONG 122 51 24 W
DRAINAGE AREA, 956 km²
NATURAL FLOW

BRIDGE RIVER AT LAJOIE FALLS - STATION NO. 08ME004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1924	---	---	---	---	1924
1925	195 AT 08:10 PST ON AUG 13	181 ON AUG 13	2.83B ON NOV 28	1 420 000	1925
1926	227 AT 12:00 PST ON JUL 13	192 ON JUL 13	3.26B ON JAN 02	1 390 000	1926
1927	211 AT 08:30 PST ON JUL 25	196 ON JUL 25	2.69B ON FEB 08	1 600 000	1927
1928	204 AT 08:00 PST ON JUL 02	188 ON JUL 01	4.11B ON MAR 01	1 450 000	1928
1929	190 AT 02:00 PST ON SEP 23	154 ON AUG 31	2.41B ON JAN 22	1 240 000	1929
1930	200 AT 07:00 PST ON JUN 11	195 ON JUN 11	2.49B ON JAN 07	1 340 000	1930
1931	260 AT 14:00 PST ON SEP 05	198 ON SEP 05	3.11B ON JAN 20	1 360 000	1931
1932	213 AT 09:30 PST ON AUG 25	177 ON AUG 25	2.27B ON DEC 16	1 250 000	1932
1933	214 AT 11:00 PST ON JUL 16	189 ON JUL 16	2.27B ON JAN 18	1 200 000	1933
1934	210 AT 14:30 PST ON JUN 12	194 ON JUN 12	3.40B ON JAN 24	1 630 000	1934
1935	281 AT 11:30 PST ON JUL 23	261 ON JUL 23 *	2.27B ON NOV 18	1 410 000	1935
1936	274 AT 12:30 PST ON MAY 31	245 ON MAY 31	1.42B ON MAR 30 *	1 540 000	1936
1937	242 AT 14:00 PST ON JUN 30	210 ON JUN 30	2.41B ON FEB 02	1 400 000	1937
1938	220 AT 17:00 PST ON JUN 23	223 ON JUN 23	2.69B ON DEC 22	1 590 000	1938
1939	232 AT 14:00 PST ON JUL 26	212 ON JUL 27	1.84B ON FEB 08	1 490 000	1939
1940	328 AT 12:00 PST ON OCT 19 *	249 ON OCT 19	5.10B ON FEB 21	1 760 000	1940
1941	198 AT 11:00 PST ON JUL 17	191 ON JUL 17	3.23B ON FEB 14	1 260 000	1941
1942	200 AT 14:00 PST ON JUL 04	182 ON JUL 04	3.69B ON JAN 11	1 180 000	1942
1943	168 AT 09:00 PST ON AUG 29	157 ON AUG 29	3.91B ON DEC 30	1 090 000	1943
1944	238 AT 03:15 PST ON JUL 20	210 ON JUL 24	---	---	1944
1945	191 AT 01:00 PST ON JUL 22	165 ON JUN 21	---	---	1945
1946	---	110E ON JUN 20	2.72B ON FEB 05	1 210 000	1946
1947	---	212E ON MAY 28	3.00B ON FEB 01	1 390 000	1947
1948	---	---	---	---	1948
				1 400 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIDGE RIVER BELOW TYAUGHTON CREEK - STATION NO. 08ME014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	67.5	171	160	174	123	65.7	18.7	9.47	---	1929
1930	9.35	10.6	10.2	41.5	82.7	225	230	203	142	33.5	18.0	12.1	85.2	1930
1931	11.8	10.4	11.0	14.2	97.2	252	216	193	102	56.1	33.1	19.2	82.8	1931
1932	11.0	11.4	16.8	26.7	111	238	185	200	95.1	44.5	25.9	14.0	81.9	1932
1933	11.4	8.74	10.1	21.3	60.9	167	151	212	105	67.5	46.5	22.1	84.3	1933
1934	17.7	17.3	21.1	113	160	235	211	191	99.3	60.5	40.5	21.3	99.4	1934
1935	30.1	40.3	23.1	21.5	106	247	289	174	106	40.3	19.0	14.2	92.9	1935
1936	8.83	7.59	7.49	26.6	127	206	184	191	99.9	59.3	33.1	13.2	80.7	1936
1937	11.0	8.65	11.7	17.0	67.9	230	259	158	127	83.8	34.9	19.6	90.1	1937
1938	13.7	11.7	11.5	21.0	125	274	241	148	164	66.4	39.4	17.5	91.6	1938
1939	8.66	7.82	13.9	30.8	103	186	251	215	112	43.0	37.9	44.8	88.4	1939
1940	25.2	18.8	19.6	39.6	153	268	265	187	141	105	33.7	27.1	107	1940
1941	18.5	16.2	20.7	50.7	94.9	---	---	---	---	---	---	---	---	1941
MEAN	14.9	14.1	14.8	35.4	104	227	229	189	118	60.5	29.9	19.4	89.6	MEAN

LOCATION - LAT 50 53 25 N LONG 122 37 30 W
DRAINAGE AREA, 3 190 km²
NATURAL FLOW

MOON CREEK ABOVE DIVERSIONS - STATION NO. 08ME024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.278	0.291	0.116	0.057	---	---	---	---	1981
1982	---	---	---	---	---	0.300	0.202	0.133	0.108	---	---	---	---	1982
1983	---	---	---	---	---	0.184	0.177	0.122	0.091	---	---	---	---	1983
1984	---	---	---	0.048	0.059	0.165	0.211	0.142	0.115	---	---	---	---	1984
1985	---	---	---	---	---	0.262	0.205	0.129	0.086	---	---	---	---	1985
1986	---	---	---	---	---	---	0.183	0.128	0.103	---	---	---	---	1986
1987	---	---	---	---	---	0.197	0.319	0.138	0.099	0.081	---	---	---	1987
MEAN	---	---	---	0.048	0.059	0.231	0.227	0.130	0.094	0.081	---	---	---	MEAN

LOCATION - LAT 50 45 45 N LONG 122 01 29 W DRAINAGE AREA, 11.1 km² NATURAL FLOW

MOON CREEK ABOVE DIVERSIONS - STATION NO. 08ME024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	---	---	---	---	1981
1982	0.682 AT 21:05 PST ON JUN 22 *	0.549 ON JUL 02 *	---	---	1982
1983	0.275 AT 07:03 PST ON JUL 02	0.240 ON JUL 02	---	---	1983
1984	0.410 AT 11:22 PST ON JUN 30	0.357 ON JUN 26	---	---	1984
1985	0.558 AT 01:15 PST ON JUN 22	0.416 ON JUN 23	---	---	1985
1986	---	---	---	---	1986
1987	---	---	---	---	1987
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MOORE CREEK AT THE MOUTH - STATION NO. 08LG029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	0.945	0.187	0.052	0.096	0.138	0.522	0.415	---	1933
MEAN	---	---	---	---	---	0.945	0.187	0.052	0.096	0.138	0.522	0.415	---	MEAN

LOCATION - LAT 50 15 22 N LONG 120 27 12 W DRAINAGE AREA, 181 km² NATURAL FLOW

MOORE CREEK AT THE MOUTH - STATION NO. 08LG029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1933	---	---	0.023 ON AUG 09 *	---	1933
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MOORE CREEK NEAR QUILCHENA - STATION NO. 08LG011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

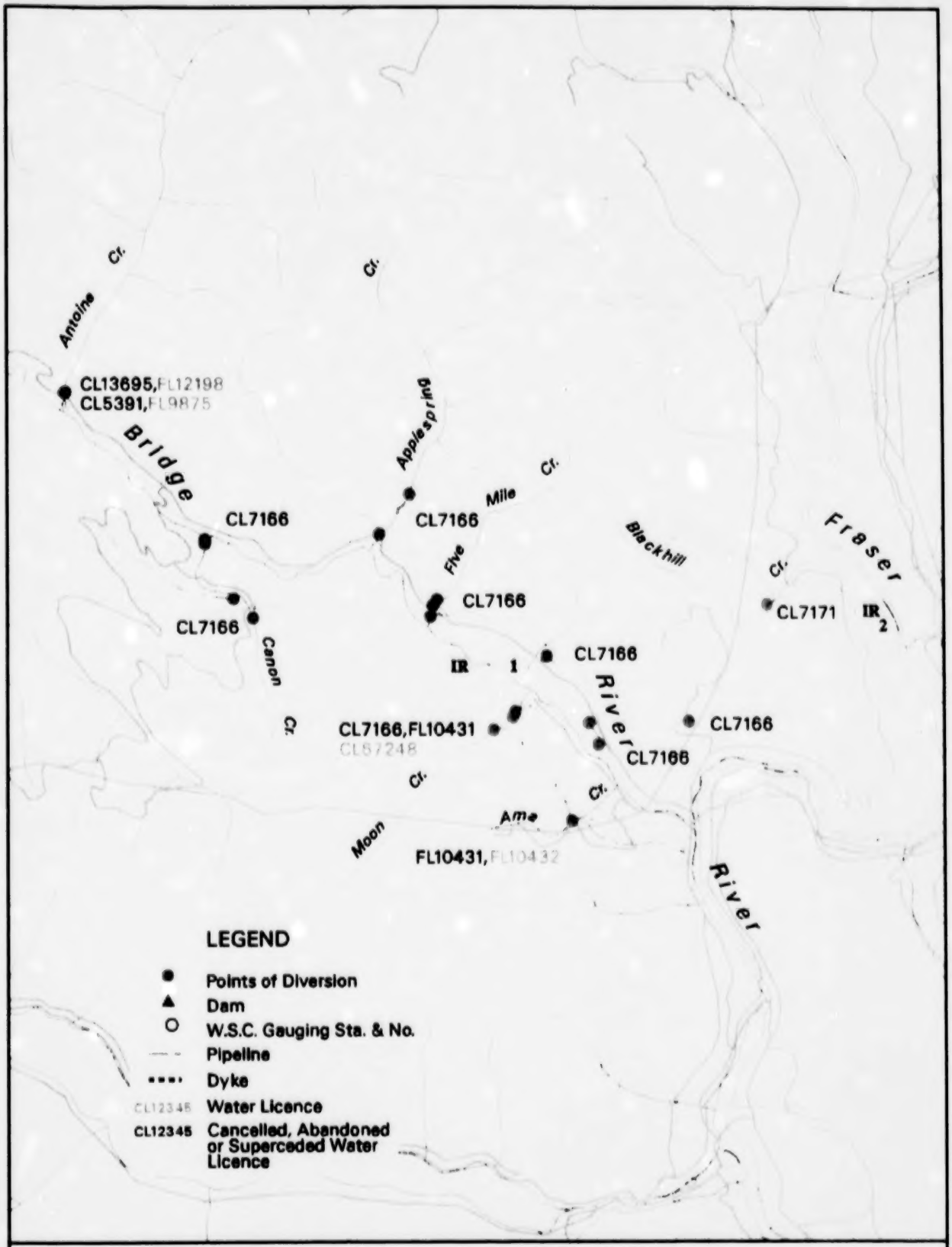
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	0.544	0.158	0.101	---	---	---	---	1915
1916	---	---	---	0.677	---	1.34	0.126	0.101	0.148	0.125	---	---	---	1916
1917	---	---	---	---	2.89	1.57	0.173	0.110	0.085	---	---	---	---	1917
1918	---	---	---	0.158	0.580	0.531	0.046	0.037	0.027	---	---	---	---	1918
1919	---	---	---	0.328	2.36	0.357	0.094	0.094	0.075	---	---	---	---	1919
1920	---	---	---	0.095	0.501	0.309	0.131	0.043	0.054	---	---	---	---	1920
1921	---	---	---	0.228	3.71	0.670	0.065	0.057	0.057	---	---	---	---	1921
MEAN	---	---	---	0.297	2.01	0.796	0.226	0.094	0.078	0.125	---	---	---	MEAN

LOCATION - LAT 50 18 25 N LONG 120 26 35 W DRAINAGE AREA, 215 km² NATURAL FLOW

MOORE CREEK NEAR QUILCHENA - STATION NO. 08LG011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	0.085 ON SEP 05	---	1915
1916	---	---	0.093 ON OCT 08	---	1916
1917	---	7.36 ON MAY 28	0.085 ON JUL 23	---	1917
1918	---	1.47 ON JUN 01	0.011 ON JUL 23 *	---	1918
1919	---	3.68 ON MAY 15	0.057 ON JUL 09	---	1919
1920	---	1.16 ON MAY 17	0.028 ON AUG 04	---	1920
1921	---	7.59 ON MAY 20 *	0.028 ON JUL 14	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN



BRIDGE RIVER FIRST NATION

Scale: 1 : 125,000

Ministry of Environment, Lands & Parks | Date: October 1999 | Environment & Lands Division